



佛山市RAIBA有限公司  
Foshan RAIBA Electronics Co.,Ltd



# PRODUCT CATALOG

## LED DRIVE POWER SUPPLY

### 2018

An aerial night photograph of a city, likely Foshan, China. The image shows a wide river with a bridge illuminated with blue and white lights. The city skyline is visible in the background, with numerous buildings lit up. In the foreground, there are large, brightly lit structures, possibly a stadium or arena, with blue and green lighting. The overall scene is vibrant and modern.

# PRODUCT CATALOG

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# CATALOG

INTRODUCE .....	1
HONOUR .....	2

## Indoor constant current drive power supply

Circular shape switch power supply ( 17-60W ) .....	3-4
Square shape switch power supply ( 3-40W ) .....	5-6
Step shape switch power supply ( 3-80W ) .....	7-8

## PCB shape constant current power supply

PCB shape switch power supply ( 5-24W ) .....	9-10
---	------

## Waterproof constant current power supply

Waterproof PFC switch power supply ( 20-200W ) .....	11-13
--	-------

## Waterproof constant voltage power supply

Waterproof PFC switch power supply ( 100-250W ) .....	14-15
---	-------

## LED display ultrathin power supply

Ultrathin LED display power supply ( 30W-400W ) .....	16-20
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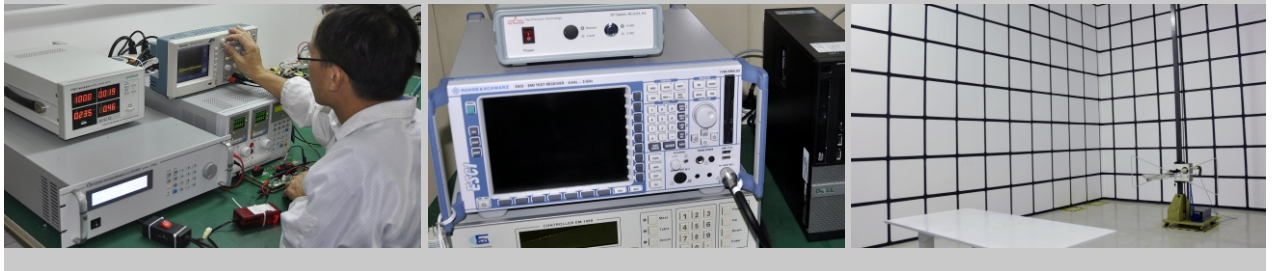
## U shape case constant voltage power supply

NO PFC constant voltage power supply ( 65-220W ) .....	21-23
PFC constant voltage power supply ( 60-600W ) .....	24-29

## DC-DC constant current power supply

DC-DC LED drive power supply ( 50-300W ) .....	30
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RAIBA



## 公司简介

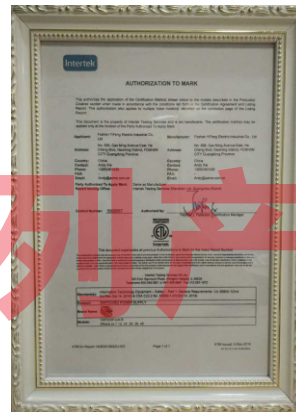
RAIBA(RAIBA)是一家专业研发、设计、生产、销售及综合服务于一体，并专注于各类开关电源技术创新；及为客户订制独家电源方案的制造商。产品主要应用于娱乐舞台灯具、LED商业建筑照明灯具、LED显示屏。

锐霸 (RAIBA) 有资深的研发团队，先进的生产设备 (如：多条SMT全自动流水线、老化室)，专业的检测设备 (如：Chroma电子负载、自动测试系统ATS、EMC检测实验室) 及严谨的生产、检测制程 (100%测试、老化)。确保产品拥有高可靠性和高性价比，各项技术参数完全符合安规要求和电磁兼容标准。RAIBA经过多年的累积和发展，产品畅销多个国家和地区，已取得各类产品认证及专利达到30多项。锐霸 (RAIBA) 一直致力于产品的创新，以为客户提供高可靠性的电源解决方案为使命。

## Company Profile

RAIBA is a company specializing in the development, design production and sales of LED stage lights, moving head lights, industrial switching power supplies, and customized exclusive power scheme of the manufacturer. Products are mainly used in entertainment and stage lighting, LED commercial building lighting, LED display.

RAIBA has experienced R&D team, advanced production equipment (such as: number of SMT automatic assembly line, aging room), professional testing equipment (eg: chroma electronic load, automatic test system ATS, EMC testing laboratory), and rigorous production and testing process (100% test, 24 hour of aging). To ensure that products with reliability and cost-effective, fully compliant with the technical parameters of the regulatory requirements and electromagnetic compatibility standards. RAIBA has been committed to product innovation, constantly, to provide customers with highly reliable and cost-effective power solutions for themission.



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## CCP 17W

### Circular shape switch power supply

#### Features

- .Constant current mode and single output
- .Circular shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over load/Over voltage/Over temperature
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(D\*H):φ65\*24(mm)
- .3 years warranty



#### Specifications

Input voltage : 90~264VAC  
 Frequency rate : 47~63Hz  
 Inrush current : <40A  
 Ripple and Noise : <600mAp-p  
 Current precision : ±5%  
 Working temperature/humidity : -20~50°C ; 20~75%RH, non-condensing  
 Storage temperature/humidity : -40~+80°C ; 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CCP17F400A	17	24-43	400	90%
CCP17F700A	17	9-17	700	85%
CCP17F1050A	17	15-25	1050	82%

## CCP 25W

### Circular shape switch power supply

#### Features

- .Constant current mode and single output
- .Circular shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over load/Over voltage/Over temperature
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(D\*H): φ75\*27(mm)
- .3 years warranty



#### Specifications

Input voltage : 90~264VAC  
 Frequency rate : 47~63Hz  
 Inrush current : <40A  
 Ripple and Noise : <600mAp-p  
 Current precision : ±5%  
 Working temperature/humidity : -20~50°C ; 20~75%RH, non-condensing  
 Storage temperature/humidity : -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CCP25F350A	25	12-24	350	82%
CCP25F700A	25	20-36	700	83%
CCP25F1050A	25	12-24	1050	82%

## CCP 36W

### Circular shape switch power supply

#### Features

- .Constant current mode and single output
- .Circular shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over load/Over voltage/Over temperature
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(D\*H): φ75\*27(mm)
- .3 years warranty



#### Specifications

Input voltage : 90~264VAC  
 Frequency rate : 47~63HZ  
 Inrush current : <40A  
 Ripple and Noise : <100mAp-p  
 Current precision : ±5%  
 Working temperature/humidity : -20~50°C ; 20~75%RH, non-condensing  
 Storage temperature/humidity : -40~+80°C;10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CCP36F350A	36	70-105	350	82%
CCP36F700A	36	36-52	700	84%
CCP36F900A	36	24-40	900	83%

## CCP 45W

### Circular shape switch power supply

#### Features

- .Constant current mode and single output
- .Circular shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over load/Over voltage/Over temperature
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(D\*H): φ85\*30.5(mm)
- .3 years warranty



#### Specifications

Input voltage : 90~264VAC  
 Frequency rate : 47~63HZ  
 Inrush current : <40A  
 Ripple and Noise : <100mAp-p  
 Current precision : ±5%  
 Working temperature/humidity : -20~50°C ; 20~75%RH, non-condensing  
 Storage temperature/humidity : -40~+80°C;10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CCA40F1200A	40	30-50	1200	90%
CCP45F420A	45	70-108	420	86%
CCP45F700A	45	45-68	700	86%
CCP45F900A	45	25-50	900	86%
CCP60F1200A	60	30-50	1200	86%

CCP 60W

Circular shape switch power supply

**Features**

- .Constant current mode and single output
- .Circular shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over load/Over voltage/Over temperature
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet for EU ROHS
- .Suitable for LED light
- .Dimension(D\*H):φ83\*31(mm)
- .3 years warranty



**Specifications**

- Input voltage : 90~264VAC
- Frequency rate : 47~63HZ
- Inrush current : < 40A
- Ripple and Noise : < 100mAp-p
- Current precision : ±5%
- Working temperature/humidity : -20~50°C; 20~75%RH, non-condensing
- Storage temperature/humidity : -40~+80°C;10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CCA60F1200A	60	30-50	1200	90%

## CRN 3W

Square shape switch power supply

### Features

- .Constant current mode and single output
- .Rectangle shape plastic case
- .Cooling by free air convection
- .Protections : Short circuit/Over power/Over voltage
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for stage light
- .Dimension(L\*W\*H):37.5\*27.5\*22.5(mm)
- .3 years warranty



### Specifications

- Input voltage : 90-265VAC
- Frequency rate : 47~63HZ
- Inrush current : ≤20A
- Ripple and Noise : ≤600mV
- Current precision : ±5%
- Working temperature/humidity : -20~+50°C; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CRN3F650A	3	0.5-4	650	65%
CRN3F650A	3	0.5-5	650	65%
CRN3F730A	3	3-3.5	730	65%
CRN3F1000A	3	0-4	1000	65%

## CRN 6W

Square shape switch power supply

### Features

- .Constant current mode and single output
- .Rectangle shape plastic case
- .Cooling by free air convection
- .Protections : Short circuit
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):75\*43.3\*30.5(mm)
- .3 years warranty



### Specifications

- Input voltage : 100~240VAC or 142~340VDC
- Frequency rate : 47~63HZ
- Inrush current : Cold start : ≤11A/230VAC
- Ripple and Noise : ≤350mVp-p
- Current precision : ±2.0%
- Working temperature/humidity : -20~+40°C; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CRN6F2000A	6	2.5-3.4	2000	68%

## CRN 10W

Square shape switch power supply

### Features

- .Constant current mode and single output
- .Rectangle shape plastic case
- .Cooling by free air convection
- .Protections : Short circuit/Over voltage/ Limit power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):66\*36\*24(mm)
- .3 years warranty



### Specifications

- Input voltage : 100~240VAC or 142~340VDC
- Frequency rate : 47~63HZ
- Inrush current : Cold start : ≤35A/230VAC
- Ripple and Noise : ≤100mVp-p
- Current precision : ±2.0%
- Working temperature/humidity : -20°C~+50°C; 20~90%RH
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CRN10F280A	10	3.6-36	280	80%
CRN10F700A	10	3-21	700	71%

## CRP 17W

Square shape switch power supply

### Features

- .Constant current mode and single output
- .Rectangle shape plastic case
- .Cooling by free air convection
- .Protections : Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED drive power supply
- .Dimension(L\*W\*H):66\*36\*24(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 47~63HZ
- Inrush current : < 20A
- Ripple and Noise : ≤350mVp-p
- Current precision : ±2.0%
- Working temperature/humidity : -25 ~ +55°C; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CRN9F700A	9	0-12	700	71%
CRP17F400A	17	24-43	400	75%



# Indoor constant current drive power supply

**CRP 40W** Square shape switch power supply

**Features**

- .Constant current mode and single output
- .Rectangle shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Output short circuit/Over voltage
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):100\*45\*31.5(mm)
- .3 years warranty



**Specifications**

- Input voltage : 85~127VAC, 175~264VAC
- Frequency rate : 47~63HZ
- Inrush current : < 10A
- Ripple and Noise : ≤1000mV
- Current precision : ±5%
- Working temperature/humidity : -20°C~+50°C; 20~90%RH
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CRP30F700A	30	25-40	700	86%
CRP40F1000A	40	25-40	1000	86%

## CTN 3W

### Step shape switch power supply

#### Features

- .Constant current mode and single output
- .Step shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):80\*32\*22.8(mm)
- .3 years warranty



#### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 47~63Hz
- Inrush current : <15A
- Ripple and Noise : <50mV
- Current precision : 3%
- Working temperature/humidity : -20~+40°C; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CTN3F350A	3	6-14	350	74%

## CTN 6W

### Step shape switch power supply

#### Features

- .Constant current mode and single output
- .Step shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):88\*39\*22.8(mm)
- .3 years warranty



#### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 47~63Hz
- Inrush current : <15A
- Ripple and Noise : <50mV
- Current precision : 3%
- Working temperature/humidity : -20~+40°C; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CTN6F300A	6	15-24	300	78%

## CTP 18W

### Step shape switch power supply

#### Features

- .Constant current mode and single output
- .Step shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Output over load/Short circuit/ Open load/Over voltage/Over temperature
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):140\*45\*32(mm)
- .3 years warranty



#### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 47~63HZ
- Inrush current : <40A
- Ripple and Noise : <35mVp-p
- Current precision : ±5%
- Working temperature/humidity : -20~50°C; 20~75%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CTP18F550A	18	3-32	550	80%

## CTP 60W

### Step shape switch power supply

#### Features

- .Constant current mode and single output
- .Step shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over load/Over voltage
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):140\*45\*32(mm)
- .3 years warranty



#### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current : <40A
- Ripple and Noise : <35mVp-p
- Current precision : ±5%
- Working temperature/humidity : -20°C ~ +50°C/20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CTP60F480A	60	105-125	480	90%

## CTP 80W

### Step shape switch power supply

#### Features

- .Constant current mode and single output
- .Step shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Over load/Short circuit/  
Open load/Over voltage
- .Comply with UL60950-1,TUV EN60950-1 ;  
EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):140\*45\*32(mm)
- .3 years warranty



#### Specifications

- Input voltage : 200-240VAC
- Frequency rate : 47~63Hz
- Inrush current : <40A
- Ripple and Noise : <35mVp-p
- Current precision : ±5%
- Working temperature/humidity : -20°C ~ +50°C/20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CTP80H600A	80	108-130	600	> 85%

## CON 5W

### PCB type switch power supply

#### Features

- .Constant current mode and single output
- .Cooling by free air convection
- .Protections : Short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):32\*23\*40(mm)
- .3 years warranty



#### Specifications

Input voltage : 100-240VAC  
 Frequency rate : 47~63Hz  
 Inrush current : Cold start : ≤40A/240VAC  
 Ripple and Noise : ≤100mA  
 Current precision : ±10%  
 Working temperature/humidity : -20~+50°C; 20~90%RH, non-condensing  
 Storage temperature/humidity : -40~+80°C, 10~95%RH

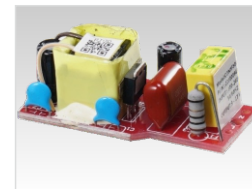
Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CON5F300A	5	15-20	300	78%

## CON 5W

### PCB type switch power supply

#### Features

- .Constant current mode and single output
- .Cooling by free air convection
- .Protections : Short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):44\*23\*15(mm)
- .3 years warranty



#### Specifications

Input voltage : 90-264Vac, Rated input voltage 100-240Vac  
 Frequency rate : 47~63Hz  
 Inrush current : --  
 Ripple and Noise : ≤400mA  
 Current precision : ±5%  
 Working temperature/humidity : -20~+50°C; 20~90%RH, non-condensing  
 Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CON5F300A	5	9-17	300	75%

## CON 8W

### PCB type switch power supply

#### Features

- .Constant current mode and single output
- .Step shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):32\*25\*19(mm)
- .3 years warranty



#### Specifications

Input voltage : 100-240VAC  
 Frequency rate : 47~63HZ  
 Inrush current : Cold start : ≤40A/240VAC  
 Ripple and Noise : ≤100mA  
 Current precision : ±10%  
 Working temperature/humidity : -20~+50°C; 20~90%RH, non-condensing  
 Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CON8F230A	8	30-36	230	80%

## CON 10W

### PCB type switch power supply

#### Features

- .Constant current mode and single output on board type
- .Cooling by free air convection
- .Protections : Short circuit/Over current/Over voltage
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):72\*30\*24(mm)
- .3 years warranty



#### Specifications

Input voltage : 100~240VAC or 142~340VDC  
 Frequency rate : 47~63Hz  
 Inrush current : ≤15A/300VDC  
 Ripple and Noise : ≤400mVp-p  
 Current precision : ±2.0%  
 Working temperature/humidity : -20~+40°C; 20~90%RH, non-condensing  
 Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CON6F640A	6	3-10	640	70%
CON10F1000A	10	10	1000	70%

## COA 15W PCB type switch power supply

### Features

- .Constant current mode and single output on board type
- .Cooling by free air convection
- .Protections : Short circuit/Limit power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):75\*40\*24(mm)
- .3 years warranty



### Specifications

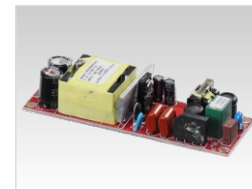
- Input voltage : 100~120VAC
- Frequency rate : 47~63HZ
- Inrush current : Cold start : ≤15A/230VAC
- Ripple and Noise : < 35mAp-p
- Current precision : ±5%
- Working temperature/humidity : -20~+50°C; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
COA15L450A	15	35	450	83%

## COP 20W PCB type switch power supply

### Features

- .Constant current mode and single output
- .Step shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Output over load
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):96\*33\*20(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-120VAC
- Frequency rate : 47-63Hz
- Inrush current : Cold start : ≤20A/100VAC
- Ripple and Noise : ≤3500mVp-p
- Current precision : ±10% Max
- Working temperature/humidity : -20~+40°C; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
COP20L500A	20	12-40	500	84%

## COP 20W PCB type switch power supply

### Features

- .Constant current mode and single output
- .On board type with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Limit power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):25\*40\*24(mm)
- .3 years warranty



### Specifications

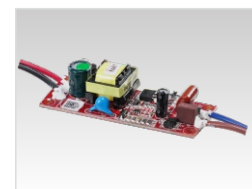
- Input voltage : 90~132VAC
- Frequency rate : 47~63Hz
- Inrush current : > 0.90mA
- Ripple and Noise : < 200mA
- Current precision : ±5.0%
- Working temperature/humidity : -20°C~+50°C; 20~90%RH
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
COP20L580A	20	30-35	580	83%
COP20L580A-A	20	30-35	580	84%
COP25F700A	25	22-36	700	82%

## COP 24W PCB type switch power supply

### Features

- .Constant current mode and single output
- .On board type with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):75\*45\*45(mm)
- .3 years warranty



### Specifications

- Input voltage : 90-265VAC
- Frequency rate : 47~63HZ
- Inrush current : ≤20A
- Ripple and Noise : ≤1000mV
- Current precision : ±0.1%
- Working temperature/humidity : -10~+50°C; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~95%RH

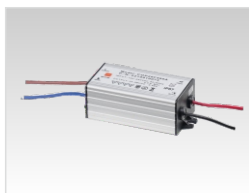
Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
COP12F430A	12	15-30	430	≥82%
COP12F570A	12	15-24	570	≥82%
COP18F540A	18	24-36	540	85%
COP24F540A	24	32-42	540	85%

## CNP 20W

### Waterproof PFC switch power supply

#### Features

- .Constant current mode and single output
- .Metal waterproof with PFC
- .Cooling by free air convection
- .Protections : Output short circuit/Over load
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):85\*42.4\*31(mm)
- .3 years warranty



#### Specifications

- Input voltage : 100~264VAC
- Frequency rate : 50~60HZ
- Inrush current : <20A
- Ripple and Noise : <2Vp-p
- Current precision : ±5%
- Working temperature/humidity : -20°C~ +60°C ; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CNP20F480A	20	32-42	480	>85%

## CNP 30W

### Waterproof PFC switch power supply

#### Features

- .Constant current mode and single output
- .Step shape plastic case with PFC
- .Cooling by free air convection
- .Protections : Output short circuit/Over load
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):96\*38\*27.5(mm)
- .3 years warranty



#### Specifications

- Input voltage : 100-264VAC
- Frequency rate : 50~60HZ
- Inrush current : <40A
- Ripple and Noise : <2Vp-p
- Current precision : ±5%
- Working temperature/humidity : -20°C~ +60°C ; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CNP30F640A	30	40-50	640	86%

## CNP 40W

### Waterproof PFC switch power supply

#### Features

- .Constant current mode and single output
- .Metal waterproof with PFC
- .Cooling by free air convection
- .Protections : Short circuit
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU RROHS
- .Suitable for PAR light, Wash light, Laser light, Moving head light, Eight head light, Matrix light, Large power moving head light, City light, Magic ball light
- .Dimension(L\*W\*H):105\*42\*30.5(mm)
- .3 years warranty



#### Specifications

- Input voltage : 100V-277VAC
- Frequency rate : 47~63Hz
- Inrush current : --
- Ripple and Noise : ≤500mV
- Current precision : ±5%
- Working temperature/humidity : -20~+50°C ; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~90%RH, non-condensing

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CNP40F1000A	40	25-40	1000	>85%

## CNA 45W

### Waterproof PFC switch power supply

#### Features

- .Constant current mode and single output metal waterproof
- .Cooling by free air convection
- .Protections : Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):147\*68\*39(mm)
- .3 years warranty



#### Specifications

- Input voltage : 100V-277VAC
- Frequency rate : 47~63Hz
- Inrush current : Cold start : ≤15A/230VAC
- Ripple and Noise : <400mV/PP
- Current precision : 2.6%
- Working temperature/humidity : -20~+40°C; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CNA45U1050A	45	24-42	1050	>85%

## CNP 60W Waterproof PFC switch power supply

### Features

- .Constant current mode and single output
- .Metal waterproof with PFC
- .Cooling by free air convection
- .Protections : Short circuit
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for PAR light, Wash light, Laser light, Moving head light, Eight head light, Matrix light, Large power moving head light, City light, Magic ball light
- .Dimension(L\*W\*H):115\*65\*45(mm)
- .3 years warranty



### Specifications

- Input voltage : 100~264VAC
- Frequency rate : 47~63Hz
- Inrush current : < 40A
- Ripple and Noise : ≤4V
- Current precision : ±5%
- Working temperature/humidity : -20~+50°C ; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~90%RH, non-condensing

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CNP50F1150A	50	32-44	1150	88%
CNP60F1700A	60	30-36	1700	88%

## CNP 60W Waterproof PFC switch power supply

### Features

- .Constant current mode and single output
- .Metal waterproof with PFC
- .Cooling by free air convection
- .Protections : Short circuit
- .Comply with UL60950-1,TUV EN60950-1 ; N55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for PAR light, Wash light, Laser light, Moving head light, Eight head light, Matrix light, Large power moving head light, City light, Magic ball light
- .Dimension(L\*W\*H):139\*42\*29(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-264VAC
- Frequency rate : 47~63Hz
- Inrush current : < 40A
- Ripple and Noise : ≤4V
- Current precision : ±5%
- Working temperature/humidity : -20~+50°C ; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~90%RH, non-condensing

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CNP60F1750A	60	30-35	1750	85%

## CNP 80W Waterproof PFC switch power supply

### Features

- .Constant current mode and single output
- .Metal waterproof with PFC
- .Cooling by free air convection
- .Protections : Short circuit
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for PAR light, Wash light, Laser light, Moving head light, Eight head light, Matrix light, Large power moving head light, City light, Magic ball light
- .Dimension(L\*W\*H):135\*48\*39(mm)
- .3 years warranty



### Specifications

- Input voltage : 100~264VAC
- Frequency rate : 47~63HZ
- Inrush current : --
- Ripple and Noise : ≤1.4V
- Current precision : ±5%
- Working temperature/humidity : -20~+50°C ; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~90%RH, non-condensing

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CNP80F1750A	80	32-46	1750	88%
CNP80F1900A	80	32-42	1900	88%

## CNP 100W Waterproof PFC switch power supply

### Features

- .Constant current mode and single output
- .Metal waterproof with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over voltage
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for PAR light, Wash light, Laser light, Moving head light, Eight head light, Matrix light, Large power moving head light, City light, Magic ball light
- .Dimension(L\*W\*H):170\*81\*40(mm)
- .3 years warranty



### Specifications

- Input voltage : 100~240VAC
- Frequency rate : 47~63Hz
- Inrush current : Cold start : ≤60A (400V DC)
- Ripple and Noise : --
- Current precision : ±3%
- Working temperature/humidity : -20~+60°C ; 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~90%RH, non-condensing

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CNP100F2150A	100	32-46	2150	88%
CNP100F2350A	100	32-42	2350	88%
CNP120F3600A	120	24-36	3600	88%

## CNP 120W

### Waterproof PFC switch power supply

#### Features

- .Constant current mode and single output
- .Metal waterproof with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over current/Over power/Over voltage
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for PAR light, Wash light, Laser light, Moving head light, Eight head light, Matrix light, Large power moving head light, City light, Magic ball light
- .Dimension(L\*W\*H):200\*63\*40(mm)
- .3 years warranty



#### Specifications

Input voltage : 90~240VAC  
 Frequency rate : 47~63HZ  
 Inrush current : Cold start :  $\leq 60A$  (400V DC)  
 Ripple and Noise :  $\leq 200mV$   
 Current precision :  $\pm 2\%$   
 Working temperature/humidity :  $-20\sim+50^{\circ}C$ ; 20~90%RH, non-condensing  
 Storage temperature/humidity :  $-40\sim+80^{\circ}C$ ; 10~90%RH, non-condensing

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CNP120F3850A	120	3850	3850	87%

## CNP 200W

### Waterproof PFC switch power supply

#### Features

- .Constant current mode and single output
- .Metal waterproof with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over current/Over power/Over voltage
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for PAR light, Wash light, Laser light, Moving head light, Eight head light, Matrix light, Large power moving head light, City light, Magic ball light
- .Dimension(L\*W\*H):200\*63\*40(mm)
- .3 years warranty



#### Specifications

Input voltage : 90~240VAC  
 Frequency rate : 47~63HZ  
 Inrush current : Cold start :  $\leq 60A$  (400V DC)  
 Ripple and Noise :  $\leq 200mV$   
 Current precision :  $\pm 2\%$   
 Working temperature/humidity :  $-20\sim+50^{\circ}C$ ; 20~90%RH, non-condensing  
 Storage temperature/humidity :  $-40\sim+80^{\circ}C$ ; 10~90%RH, non-condensing

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CNP160F3700A	160	32-44	3700	90%
CNP200F4200A	200	32-48	4200	90%
CNP200F4600A	200	32-44	4600	90%



## VNP 100W Waterproof PFC switch power supply

### Features

- .Constant voltage mode and single output
- .Aluminum case and waterproof with PFC
- .Cooling mode:  
Input 176 ~ 264VAC , Cooling by free air convection  
Input 90 ~ 176VAC , Cooling by fan
- .Protections: Output short circuit/Over load
- .Comply with UL60950 - 1 , TUV EN60950 - 1 , EN55022(C/SPR22)ClassB, EN61000-3-2,-3
- .Meet EU ROHS
- .Suitable for waterproof power supply, constant voltage power supply and stage light
- .Dimension(L\*W\*H):222.5\*68\*38.8(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 47-63HZ
- Inrush current: ≤40A/230VAC
- Leakage current: < 3mA/240VAC
- Ripple and Noise: ≤300mVp-p
- Current precision: ±2%
- Working temperature/humidity: -20°C~+40°C/20~90%RH , non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (A)	
VNP100F24A	100	24	0-4.17	88%

## VNP 150W Waterproof PFC switch power supply

### Features

- .Constant voltage mode and single output
- .Aluminum case and waterproof with PFC
- .Cooling by free air convection
- .Protections: Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for stage light, constant voltage power supply and waterproof power supply
- .Dimension(L\*W\*H):222.5\*68\*38.8(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current : Cold start : ≤40A/230VAC
- Leakage current : < 3mA/240VAC
- Ripple and Noise : ≤300mVp-p
- Current precision : ±2%
- Working temperature/humidity : -35°C ~ +40°C/20~90%RH , non-condensing
- Storage temperature/humidity : -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (A)	
VNP150F36A	150	36	4.2	90%
VNP150F41A	150	31-41	3.66	90%
VNP150F48A-X	150	45-52	3.66	90%

## VNP 200W Waterproof PFC switch power supply

### Features

- .Constant voltage mode and single output
- .Aluminum case and waterproof with PFC
- .Forced air cooling by fan (≥3.5m/s),at full load and full voltage
- .Protections:Short circuit/Over current/Over power/Output over voltage
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for PAR light, Wash light, Laser light, Moving head light, Eight head light, Matrix light, Large power moving head light, City light, Magic ball light
- .Dimension(L\*W\*H):175\*120\*46(mm)
- .3 years warranty



### Specifications

- Input voltage : 90-264VAC
- Frequency rate : 47-63HZ
- Inrush current: ----
- Leakage current: < 2mA/240VAC
- Ripple and Noise: ≤500mV
- Current precision: ±2%
- Working temperature/humidity: -20°C~+50°C/20~90%RH , non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (A)	
VNP200F12A	200	12	13.67	85%

## VNP 250W Waterproof PFC switch power supply

### Features

- .Constant voltage mode and single output
- .Aluminum case and waterproof with PFC
- .Cooling by back board conduction
- .Protections: Over power/Short circuit
- .Comply with UL60950 - 1 , TUV EN60950 - 1
- .Meet EU ROHS
- .Suitable for industrial power supply and stage light drive power supply
- .Dimension(L\*W\*H):250\*68\*39(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current: ----
- Leakage current: < 1mA/240VAC
- Ripple and Noise: ≤1000mVp-p
- Current precision: ±3%
- Working temperature/humidity: -20°C~+50°C/20~90%RH , non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (A)	
VNP250F30A	250	24-30	8.34	>90%
VNP250F36A	250	36-40	6.95	>90%
VNP250F48A-Y	250	48	5.21	>90%
VNP250F48A	250	48	5.21	>90%

**VNP 250W**

## Waterproof PFC switch power supply

**Features**

- .Constant voltage mode and single output
- .Aluminum case and waterproof with PFC
- .Cooling mode:
- Input 176 ~ 264VAC,Cooling by free air convection
- Input 90 ~176VAC,Cooling by fan
- .Protections: Output short circuit/Over load
- .Comply with UL60950 - 1 , TUV EN60950 - 1
- .Meet EU ROHS
- .Suitable for waterproof power supply, constant voltage power supply and stage light
- .Dimension(L\*W\*H):133\*90.6\*45.5(mm)
- .3 years warranty


**Specifications**

- Input voltage: 100-264VAC
- Frequency rate: 50-60HZ
- Inrush current: ----
- Leakage current: < 0.5mA ( @264VAC )
- Ripple and Noise: < 560mVp-p
- Current precision: ±2%
- Working temperature/humidity: -20°C~ +40°C/20 ~ 90%RH , non-condensing
- Storage temperature/humidity: -40 ~ +80°C/10 ~ 95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (A)	
VNP250F36A-I	350	36	6.95	89%

## VHN 30W

### Single switch power supply

#### Features

- .Constant voltage mode and single output
- .Bee hole type metal case for industrial power supply
- .Cooling by free air convection
- .Protections: Short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for Industrial automation equipment, industrial control system, Electronic instruments and equipment and household electronic equipment
- .Dimension(L\*W\*H):99\*82\*30(mm)
- .3 years warranty



#### Specifications

Input voltage : 85-264VAC  
 Frequency rate : 47-63HZ  
 Inrush current : Cold start 45A/230VAC  
 Leakage current: <0.75mA/240VAC  
 Ripple and Noise: <120mVp-p  
 Current precision: ±1%  
 Working temperature/humidity: -30°C~+70°C/20~90%RH, non-condensing  
 Storage temperature/humidity: -40~+80°C/10~95%RH

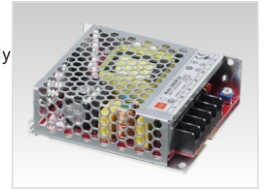
Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VHN30F12A	30	12	2.5	85%

## VHN 50W

### Single switch power supply

#### Features

- .Constant voltage mode and single output
- .Bee hole type metal case for industrial power supply
- .Cooling by free air convection
- .Protections: Short circuit/Over load/Over voltage
- .Comply with UL60950-1,TUV EN60950-1; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for Industrial automation equipment, industrial control system, Electronic instruments and equipment and household electronic equipment
- .Dimension(L\*W\*H):99\*82\*30(mm)
- .3 years warranty



#### Specifications

Input voltage : 85-264VAC  
 Frequency rate : 47-63HZ  
 Inrush current : Cold start 45A/230VAC  
 Leakage current: <0.75mA/240VAC  
 Ripple and Noise: <120mVp-p  
 Current precision: ±1%  
 Working temperature/humidity: -30°C~+70°C/20~90%RH, non-condensing  
 Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VHN50F12A	50	12	4.17	85%

## VHN 75W

### Single switch power supply

#### Features

- .Constant voltage mode and single output
- .Bee hole type metal case for industrial power supply
- .Cooling by free air convection
- .Protections: Short circuit/Over load/Over voltage
- .Comply with UL60950-1,TUV EN60950-1; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for Industrial automation equipment, industrial control system, Electronic instruments and equipment and household electronic equipment
- .Dimension(L\*W\*H):99\*97\*30(mm)
- .3 years warranty



#### Specifications

Input voltage : 85-264VAC  
 Frequency rate : 47-63HZ  
 Inrush current : Cold start 45A/230VAC  
 Leakage current: <0.75mA/240VAC  
 Ripple and Noise: <120mVp-p  
 Current precision: ±1%  
 Working temperature/humidity: -30°C~+70°C/20~90%RH, non-condensing  
 Storage temperature/humidity: -40~+80°C/10~95%RH

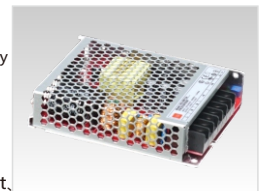
Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VHN75F12A	75	12	6.25	85%

## VHN 100W

### Single switch power supply

#### Features

- .Constant voltage mode and single output
- .Bee hole type metal case for industrial power supply
- .Cooling by free air convection
- .Protections: Short circuit/Over load/Over voltage
- .Comply with UL60950-1,TUV EN60950-1; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for Industrial automation equipment, industrial control system, Electronic instruments and equipment and household electronic equipment
- .Dimension(L\*W\*H):129\*97\*30(mm)
- .3 years warranty



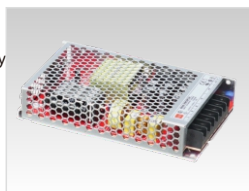
#### Specifications

Input voltage : 85-132VAC  
 Frequency rate : 47-63HZ  
 Inrush current : Cold start 50A/230VAC  
 Leakage current: <0.75mA/240VAC  
 Ripple and Noise: <150mVp-p  
 Current precision: ±1%  
 Working temperature/humidity: -30°C~+70°C/20~90%RH, non-condensing  
 Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VHN100F12A	100	12	8.33	85%

**VHN 150W**
**Single switch power supply**
**Features**

- .Constant voltage mode and single output
- .Bee hole type metal case for industrial power supply
- .Cooling by free air convection
- .Protections: Short circuit/Over voltage/Over temperature/Over load
- .Comply with UL60950-1,TUV EN60950-1; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for Industrial automation equipment, industrial control system, Electronic instruments and equipment and household electronic equipment
- .Dimension(L\*W\*H):159\*97\*30(mm)
- .3 years warranty

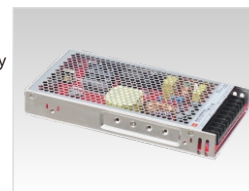

**Specifications**

Input voltage : 85-264VAC  
 Frequency rate : 47-63HZ  
 Inrush current : Cold start 60A/230VAC  
 Leakage current: ----  
 Ripple and Noise: ≤200mV  
 Current precision: ±2%  
 Working temperature/humidity: -30°C~+70°C/20~90%RH, non-condensing  
 Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VHN150F12A	150	12	22	85%

**VHN 200W**
**Single switch power supply**
**Features**

- .Constant voltage mode and single output
- .Bee hole type metal case for industrial power supply
- .Cooling by free air convection
- .Protections: Short circuit/Over voltage/Over temperature/Over load
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for Industrial automation equipment, industrial control system, Electronic instruments and equipment and household electronic equipment
- .Dimension(L\*W\*H):215\*115\*30(mm)
- .3 years warranty


**Specifications**

Input voltage : 90-132VAC  
 Frequency rate : 47-63HZ  
 Inrush current : Cold start 60A/115VAC 60A/230VAC  
 Leakage current: ----  
 Ripple and Noise: ≤200mV  
 Current precision: ±4%  
 Working temperature/humidity: -25°C~+70°C/20~90%RH, non-condensing  
 Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VHN200F24A	200	24	8.8	80%

**VHN 350W**
**Single switch power supply**
**Features**

- .Constant voltage mode and single output
- .Metal case for industrial power supply
- .Cooling mode: Heated dissipation by metal back board when power supply working ( metal back board not less than 300\*100\*5mm)
- .Protections: Short circuit/Over voltage/Over temperature/Over load
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for LED display
- .Dimension(L\*W\*H):215\*115\*30(mm)
- .3 years warranty


**Specifications**

Input voltage : 100-240VAC  
 Frequency rate : 50-60HZ  
 Inrush current : ≤50A ( V DC )  
 Active PFC : ≥ 0.93  
 Ripple and Noise: ≤200mV  
 Current precision: ±5%  
 Working temperature/humidity: -20°C~+50°C/20~90%RH, non-condensing  
 Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VHN350F5A	350	5	60	80%

**VML 170W**
**Single switch power supply**
**Features**

- .Constant voltage mode and single output
- .Ultrathin metal case large power with PFC
- .Cooling mode: Heated dissipation by metal back board when power supply working ( metal back board not less than 300\*100\*5mm)
- .Protections: Short circuit/Over current/Over power/Over voltage
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for LED display
- .Dimension(L\*W\*H):182\*60\*33(mm)
- .3 years warranty


**Specifications**

Input voltage : 100-240VAC  
 Frequency rate : 50-60HZ  
 Inrush current: ≤50A ( V DC )  
 Leakage current: ----  
 Ripple and Noise: ≤200mV  
 Current precision: ±5%  
 Working temperature/humidity: -20°C~+50°C/20~90%RH , non-condensing  
 Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VML168F4A	170	4.2	0-40	83%
VML168F5A	170	5	0-40	83%

## VML 200W Single switch power supply

### Features

- .Constant voltage mode and single output
- .Metal case for industrial power supply
- .Cooling mode:  
Heated dissipation by metal back board when power supply working ( metal backboard not less than 300\*100\*5mm)
- .Protections: Short circuit/Over voltage/Over temperature/Over load/
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for LED display
- .Dimension(L\*W\*H):219\*117\*30(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current : ≤50A ( V DC )
- Active PFC : ≥ 0.93
- Ripple and Noise : ≤200mV
- Current precision: ±5%
- Working temperature/humidity: -20°C~ +50°C/20~90%RH,non-condensing
- Storage temperature/humidity: -40~ +80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VML200H5A	200	5	40	80%

## VML 210W Single switch power supply

### Features

- .Constant voltage mode and single output
- .Ultrathin metal case large power with PFC
- .Cooling by free air convection
- .Protections: Short circuit/Over current /Over power
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for LED display
- .Dimension(L\*W\*H):182\*70\*31.5(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current: Cold start : ≤50A ( 400V DC )
- Leakage current: ----
- Ripple and Noise: ≤200mV
- Current precision: ±5%
- Working temperature/humidity: -20°C~ +65°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~ +80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VML210F4A	210	4.2	0-50	85%

## VMP 150W Single switch power supply

### Features

- .Constant voltage mode and single output
- .Ultrathin metal case large power with PFC
- .Cooling by free air convection
- .Protections: Output short circuit/Over load
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for constant voltage power supply and stage light
- .Dimension(L\*W\*H):169\*60\*29(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current: ----
- Leakage current: < 2mA ( @AC 264V )
- Ripple and Noise: < 500mVp-p
- Current precision: ±2%
- Working temperature/humidity: -20°C~ +50°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~ +80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VMP150F40A-I	150	40	3.75	> 85%

## VML 250W Single switch power supply

### Features

- .Constant voltage mode and single output
- .Ultrathin metal case large power with PFC
- .Cooling by free air convection
- .Protections: Short circuit/Over current/Over power/Over voltage
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED display
- .Dimension(L\*W\*H): 213.5\*85\*31.5(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-264VAC
- Frequency rate : 47-63HZ
- Inrush current: ----
- Leakage current:
- Ripple and Noise: ≤200mV
- Current precision: ±5%
- Working temperature/humidity: -20°C~ +65°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~ +80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VML250F4A	250	4.2	0-60	85%
VML250F5A	250	5	0-60	85%

**VML 200W**
**Single switch power supply**
**Features**

- .Constant voltage mode and single output
- .Bee hole type metal case for industrial power supply
- .Cooling mode:  
Heated dissipation by metal back board when power supply working ( metal back board not less than 300\*100\*5mm)
- .Protections: Short circuit/Over voltage/Over temperature/Over load
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for LED display
- .Dimension(L\*W\*H):190\*86.5\*30.5(mm)
- .3 years warranty


**Specifications**

- Input voltage : 100-264VAC
- Frequency rate : 50-60HZ
- Inrush current : ≤50A ( V DC )
- Active PFC : ≥ 0.93
- Ripple and Noise: ≤200mV
- Current precision: ±5%
- Working temperature/humidity: -20°C~+50°C/20~90%RH,non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VML200H5A-I	200	5	40	90%

**VML 200W**
**Single switch power supply**
**Features**

- .Constant voltage mode and single output
- .Metal case for industrial power supply
- .Cooling mode:  
Heated dissipation by metal back board when power supply working ( metal back board not less than 300\*100\*5mm)
- .Protections: Short circuit/Over voltage/Over temperature/Over load
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for LED display
- .Dimension(L\*W\*H):182\*70\*31(mm)
- .3 years warranty


**Specifications**

- Input voltage : 100-264VAC
- Frequency rate : 50-60HZ
- Inrush current : ≤50A ( V DC )
- Active PFC : ≥ 0.93
- Ripple and Noise: ≤200mV
- Current precision: ±5%
- Working temperature/humidity: -20°C~+50°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VML200H5A-II	200	5	40	90%

**VML 200W**
**Single switch power supply**
**Features**

- .Constant voltage mode and single output
- .Metal case for industrial power supply
- .Cooling mode:  
Heated dissipation by metal back board when power supply working ( metal back board not less than 300\*100\*5mm)
- .Protections: Short circuit/Over voltage/Over temperature/Over load
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for LED display
- .Dimension(L\*W\*H):200\*98\*30.5(mm)
- .3 years warranty


**Specifications**

- Input voltage : 100-264VAC
- Frequency rate : 50-60HZ
- Inrush current : ≤50A ( V DC )
- Active PFC : ≥ 0.93
- Ripple and Noise: ≤200mV
- Current precision: ±5%
- Working temperature/humidity: -20°C~+50°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VML200H5A-III	200	5	40	90%

**VML 300W**
**Single switch power supply**
**Features**

- .Constant voltage mode and single output
- .Metal case for industrial power supply
- .Cooling mode:  
Heated dissipation by metal back board when power supply working ( metal back board not less than 300\*100\*5mm)
- .Protections: Short circuit/Over voltage/Over temperature/Over load
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for LED display
- .Dimension(L\*W\*H):215\*87\*31(mm)
- .3 years warranty


**Specifications**

- Input voltage : 100-264VAC
- Frequency rate : 50-60HZ
- Inrush current : ≤50A ( V DC )
- Active PFC : ≥ 0.93
- Ripple and Noise: ≤200mV
- Current precision: ±5%
- Working temperature/humidity: -20°C~+50°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VML300H5A	300	5	60	85%

VML 400W Single switch power supply

**Features**

- .Constant voltage mode and single output
- .Metal case for industrial power supply
- .Cooling mode:  
Heated dissipation by metal back board when power supply working ( metal back board not less than 300\*100\*5mm)
- .Protections: Short circuit/Over voltage/Over temperature/Over load
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for LED display
- .Dimension(L\*W\*H):219\*117\*30(mm)
- .3 years warranty



**Specifications**

- Input voltage : 100-264VAC
- Frequency rate : 50-60HZ
- Inrush current : ≤50A ( V DC )
- Active PFC : ≥ 0.93
- Ripple and Noise: ≤200mV
- Current precision: ±5%
- Working temperature/humidity: -20°C ~ +50°C/20 ~ 90%RH, non-condensing
- Storage temperature/humidity: -40 ~ +80°C/10 ~ 95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VML400H5A	400	5	80	80%

## VUN 65W

### Single switch power supply

#### Features

- .Constant voltage mode single output and U shape aluminium diffuser
- .Cooling by free air convection
- .Protections : Short circuit/Over power/Over voltage
- .Comply with UL60950-1,CE
- .Meet EU ROHS
- .Suitable for stage light
- .Dimension(L\*W\*H):110\*75\*30(mm)
- .3 years warranty



#### Specifications

Input voltage : 100-240VAC  
 Frequency rate : 47-63HZ  
 Inrush current : ----  
 Leakage current : ≤5mA 264Vac  
 Ripple and Noise : ≤100mV  
 Voltage precision : ±2%  
 Working temperature/humidity : -20 ~ +50°C/20~90%RH , non-condensing  
 Storage temperature/humidity : -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUN65F25A	65	25	2.6	85%
VUN72F36A	72	36	2	85%

## VUN 75W

### Single switch power supply

#### Features

- .Constant voltage mode single output and U shape aluminium diffuser
- .Cooling by free air convection
- .Protections : Short circuit/Over power/Over voltage
- .Comply with UL60950-1,TUV EN60950-1 ; CE
- .Meet EU ROHS
- .Suitable for stage light
- .Dimension(L\*W\*H):127\*56.5\*30(mm)
- .3 years warranty



#### Specifications

Input voltage : 100-240VAC  
 Frequency rate : 47-63HZ  
 Inrush current : ----  
 Leakage current : ≤5mA 264Vac  
 Ripple and Noise : ≤100mV  
 Voltage precision : ±2%  
 Working temperature/humidity : -20 ~ +50°C/20~90%RH , non-condensing  
 Storage temperature/humidity : -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUN72F12A	75	11.5	6.5	80%
VUN75F24A	75	24	3.1	87%
VUN75F28A	75	28	2.7	85%
VUN75F36A	75	36	2.1	85%

## VUN 100W

### Single switch power supply

#### Features

- .Constant voltage mode single output and U shape aluminium diffuser
- .Cooling by free air convection
- .Protections: Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 , N55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for industrial power supply
- .Dimension(L\*W\*H):193\*60\*32(mm)
- .3 years warranty



#### Specifications

Input voltage : 100-240VAC  
 Frequency rate : 47-63HZ  
 Inrush current: ----  
 Leakage current: ≤5mA  
 Ripple and Noise: ≤500mV  
 Current precision: ±5%  
 Working temperature/humidity: -20°C~+50°C/20~90%RH, non-condensing  
 Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUN100F26A-C	100	26	3.8	85%

## VUN 100W

### Single switch power supply

#### Features

- .Constant voltage mode single output and U shape aluminium diffuser
- .Cooling by free air convection
- .Protections: Output short circuit/Output over power
- .Comply with ETL UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB



#### Specifications

- .Meet EU ROHS
- .Suitable for PAR light, panel light, bar shape light, suction light, track light, wash light, LED strip
- .Dimension(L\*W\*H):127\*83\*40(mm)
- .3 years warranty

#### Specifications

Input voltage : 100-240VAC  
 Frequency rate : 50-60HZ  
 Inrush current : ≤30A/300VDC  
 Leakage current: <2mA/240VAC  
 Ripple and Noise: ≤500mVp-p  
 Voltage precision : ±2%  
 Working temperature/humidity: -25 ~ +50°C/20~90%RH , non-condensing  
 Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUN100F24A	100	24	0-4	86%
VUN400F48A	100	48	0-2.1	87%
VUN100F36A	100	36	0-3	86%
VUN100F28A	100	28	0-3.6	86%
VUN100F48A-A	100	48	0-2.1	86%
VUN100F12A	100	12	0-8.3	86%
VUN100F24A-A	100	24	0-4	86%



## VUN 100W Single switch power supply

### Features

- .Constant voltage mode single output and U shape aluminium diffuser
- .Cooling by free air convection
- .Protections: Short circuit/Over current /Over voltage
- .Comply with UL60950-1,TUV EN60950-1 , N55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for stage light
- .Dimension(L\*W\*H):120\*50\*31.5(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current: ---
- Leakage current:  $\leq 0.25\text{mA}/230\text{V}$
- Ripple and Noise:  $\leq 200\text{mV}$
- Current precision:  $\pm 3\%$
- Working temperature/humidity:  $-20^{\circ}\text{C} \sim +40^{\circ}\text{C}/20 \sim 90\% \text{RH}$ , non-condensing
- Storage temperature/humidity:  $-40 \sim +80^{\circ}\text{C}/10 \sim 95\% \text{RH}$

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUN100F30A	100	30	3.4	87%

## VUN 120W Single switch power supply

### Features

- .Constant voltage mode single output and U shape case
- .Cooling by free air convection
- .Protections : Short circuit/Over power/Over voltage
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for stage light power supply
- .Dimension(L\*W\*H):127\*56.5\*30(mm)
- .3 years warranty



### Specifications

- Input voltage : 100~240VAC
- Frequency rate : 47~63HZ
- Inrush current : --
- Ripple and Noise :  $< 100\text{mAp-p}$
- Current precision :  $\pm 2\%$
- Working temperature/humidity :  $-20 \sim +50^{\circ}\text{C}$ ,  $20 \sim 90\% \text{RH}$ , non-condensing
- Storage temperature/humidity :  $-40 \sim +80^{\circ}\text{C}$ ,  $10 \sim 95\% \text{RH}$

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUN120F28A	120	28	4.3	82%

## VUN 150W Single switch power supply

### Features

- .Constant voltage mode single output and U shape aluminium diffuser
- .Cooling by free air convection
- .Protections: Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for constant .voltage power supply and stage light power supply
- .Dimension(L\*W\*H):115\*60\*32(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current: ---
- Leakage current:  $< 0.5\text{mA}$  (@264VAC)
- Ripple and Noise:  $\leq 1\text{Vp-p}$
- Current precision:  $\pm 2\%$
- Working temperature/humidity:  $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$ (refer to derating curve) / $20 \sim 90\% \text{RH}$ ,non-condensing
- Storage temperature/humidity:  $-40 \sim +80^{\circ}\text{C}/10 \sim 95\% \text{RH}$

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUN150F24A-B	150	24	6.25	$> 80\%$
VUN150F28A-B	150	28	5.36	85%
VUN150F36A-B	150	36	4.17	$> 80\%$

## VUN 160W Dual switch power supply

### Features

- .Constant voltage mode single output and U shape aluminium diffuser
- .Forced air cooling by 40CFM DC fan
- .Protections: Short circuit/Over power/Over voltage
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for stage light power supply
- .Dimension(L\*W\*H):118\*60\*41(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 47-63HZ
- Inrush current: ---
- Leakage current:  $< 5\text{mA}$
- Ripple and Noise:  $< 1\text{Vp-p}$
- Current precision:  $\pm 2\%$
- Working temperature/humidity:  $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$ (must be added 20CFM fan cooling) / $20 \sim 90\% \text{RH}$ ,non-condensing
- Storage temperature/humidity:  $-40 \sim +80^{\circ}\text{C}/10 \sim 95\% \text{RH}$

Model	Power (W)	Ch1		Ch2		Efficiency
		Output voltage (Vdc)	Input current (mA)	Output voltage (Vdc)	Input current (mA)	
VUN100F12/24B	100	12	6.34	24	1	85%
VUN160F12/24B	160	12	10	24	1.5	$\geq 85\%$
VUN160F24/12B	160	24	6.3	12	1	$\geq 85\%$
VUN160F36	160	36	4.45			85%

**VUN 180W**
**Single switch power supply**
**Features**

- .Constant voltage mode single output and U shape aluminium diffuser
- .Cooling by fan
- .Protections : Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for stage light power supply
- .Dimension(L\*W\*H):106\*72\*40(mm)
- .3 years warranty


**Specifications**

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current : ----
- Ripple and Noise : <0.5mA (@AC 264V)
- Voltage precision : ±2%
- Working temperature/humidity : -20 ~ +55°C/20~90%RH , non-condensing
- Storage temperature/humidity : -40~ +80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUN180F24A	180	24	7.5	>86%
VUN180F28A	180	28	6.5	>87%
VUN180F24A	180	24	7.5	85%

**VUN 220W**
**Dual switch power supply**
**Features**

- .Constant voltage mode dual output and U shape aluminium diffuser
- .Cooling by 20CFM fan
- .Protections : Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for PAR light, wash light, Eight heads light, matrix light, moving head light, effective light
- .Dimension(L\*W\*H):126\*52\*41(mm)
- .3 years warranty


**Specifications**

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current : ----
- Leakage current : <0.5mA (@AC 264V)
- Ripple and Noise : ≤1.5Vp-p
- Voltage precision : ±3%
- Working temperature/humidity : -20°C ~ +40°C/20~90%RH , non-condensing
- Storage temperature/humidity : -40~ +80°C/10~95%RH

Model	Power (W)	Ch1		Ch2		Efficiency
		Output voltage (Vdc)	Input current (mA)	Output voltage (Vdc)	Input current (mA)	
VUN200F36/24B	200	36	2.78	24	4.2	80%
VUN220F12/24B	220	12	10	24	4.2	>87%

## VUP 60W Single switch power supply

### Features

- .Constant voltage mode and single output
- .U shape aluminium diffuser with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over current/Over power/Over voltage



- .Comply with UL60950-1,TUV EN60950-1 ; CE
- .Meet EU ROHS
- .Suitable for PAR light, wash light, laser light, moving head light, Eight heads light, matrix light, city light, magic ball light
- .Dimension(L\*W\*H):75\*72\*30(mm)
- .3 years warranty

### Specifications

- Input voltage : 100-277VAC
- Frequency rate : 50-60HZ
- Inrush current : ≤50A
- Leakage current : ≤2mA(@240VAC)
- Ripple and Noise : ≤200mV
- Voltage precision : ±5%
- Working temperature/humidity : -20 ~ +50°C/20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP60M36A-B	60	36	1.7	85%
VUP60F24A-B	60	24	2.5	85%

## VUP 75W Single switch power supply

### Features

- .Constant voltage mode and single output
- .U shape aluminium diffuser with PFC
- .Cooling by free air convection
- .Protections: Short circuit/Over current/Over power
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS



- .Suitable for stage light, single output, constant voltage power supply
- .Dimension(L\*W\*H):127\*56.5\*30(mm)
- .3 years warranty

### Specifications

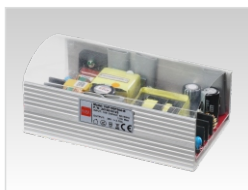
- Input voltage : 90-264VAC
- Frequency rate : 47-63HZ
- Inrush current : ≤5mA
- Leakage current: ----
- Ripple and Noise: ≤500mV-p
- Voltage precision : ±2%
- Working temperature/humidity: -25 ~ +50°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP60F5A	60	5	0-12	80%
VUP75F19A-B	75	19	4	90%
VUP75F12A	75	12	0-6.25	80%
VUP75F32A	75	32	2.35	88%
VUP75F40A	75	40	1.89	88%
VUP75F42A	75	42	1.79	88%
VUP75F52A	75	52	1.45	88%
VUP75F54A	75	54	1.39	88%
VUP75F24A	75	24	0-3.13	85%
VUP75F28A	75	28	0-2.68	85%
VUP75F36A	75	36	0-2.08	85%
VUP75F48A	75	48	0-1.56	88%

## VUP 100W Single switch power supply

### Features

- .Constant voltage mode and single output
- .U shape aluminium diffuser with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over current/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB



- .Meet EU ROHS
- .Suitable for PAR light, wash light, laser light, moving head light, large power moving head light, Eight heads light, matrix light, city light, magic ball light
- .Dimension(L\*W\*H):126\*72.2\*39.8(mm)
- .3 years warranty

### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 47-63HZ
- Inrush current : ----
- Leakage current : <0.5mA(@Vinac=264V)
- Ripple and Noise : ≤300mV-p
- Voltage precision : ±1.5%
- Working temperature/humidity: -25 ~ +60°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP100F36A-B	100	36	2.78	87%

## VUP 120W Single switch power supply

### Features

- .Constant voltage output
- .Cooling by free air convection
- .Protections : Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB



- .Meet EU ROHS
- .Suitable for constant voltage power supply, LED drive power supply and stage light
- .Dimension(L\*W\*H):160\*45\*35(mm)
- .3 years warranty

### Specifications

- Input voltage : 220~240VVAC
- Frequency rate : 47-63HZ
- Inrush current : <60A
- Leakage current : <0.5mA (@ AC 264V)
- Ripple and Noise : <1.2Vp-p
- Voltage precision : ±2%
- Working temperature/humidity: -25 ~ +60°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP120H14A	120	14	0-8.58	89%

**VUP 150W**
**Single switch power supply**
**Features**

- .Constant voltage mode and single output
- .U shape aluminium diffuser with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over current/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for PAR light, wash light, laser light, moving head light, large power moving head light, Eight heads light, matrix light, city light, magic ball light
- .Dimension(L\*W\*H):140\*45\*40(mm)
- .3 years warranty


**Specifications**

Input voltage : 100-240VAC  
 Frequency rate : 47-63HZ  
 Inrush current : ----  
 Leakage current : <0.5mA (@AC 264V)  
 Ripple and Noise : ≤300mV  
 Voltage precision : ±2%  
 Working temperature/humidity: -25 ~ +50°C/20~90%RH, non-condensing  
 Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP150F24A-B	150	24	6.25	86%

**VUP 150W**
**Single switch power supply**
**Features**

- .Constant current mode and single output
- .U shape case
- .Cooling by free air convection
- .Protections : Short circuit/Over power/Over voltage
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for stage light
- .Dimension(L\*W\*H):150\*60\*32(mm)
- .3 years warranty


**Specifications**

Input voltage : 100~240VAC  
 Frequency rate : 47~63HZ  
 Inrush current : --  
 Ripple and Noise : <100mAp-p  
 Current precision : ±2%  
 Working temperature/humidity : -20~+50°C, 20~90%RH, non-condensing  
 Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP150F28A-C	150	28	5.36	86%

**VUP 150W**
**Single switch power supply**
**Features**

- .Constant voltage mode and single output
- .U shape aluminium diffuser with PFC
- .Output >150W,Cooling by fan(≥3.5m/s)
- .Protections: Short circuit/Over current/Over power
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for PAR light, wash light, laser light, moving head light, Eight heads light, matrix light, city light, magic ball light, large power moving head light
- .Dimension(L\*W\*H):127\*83\*40(mm)
- .3 years warranty


**Specifications**

Input voltage : 90-264VAC  
 Frequency rate : 47-63HZ  
 Inrush current : ≤30A  
 Leakage current: ≤0.25mA @265V  
 Ripple and Noise: <100mV  
 Voltage precision : ±3%  
 Working temperature/humidity: -25 ~ +40°C/20~90%RH , non-condensing  
 Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP1685A	168	5	40	85%
VUP150F28A	150	28	0-5.35	87%
VUP150F24A	150	24	6.25	85%
VUP150F28A	150	28	0-5.35	90%
VUP150F12A	150	12	12.5	85%
VUP150F24A	150	24	6.25	88%
VUP150F32A	150	32	4.69	88%
VUP150F36A	150	36	4.17	88%
VUP150F40A	150	40	3.75	88%
VUP150F42A	150	42	3.58	88%
VUP150F48A	150	48	3.13	88%
VUP150F52A	150	52	2.89	88%
VUP150F54A	150	54	2.78	92%

**VUP 150W**
**Single switch power supply**
**Features**

- .Constant voltage mode and single output
- .U shape aluminium diffuser with PFC
- .Cooling mode:
- Input voltage >180Vac ,
- Cooling by free air convection ;
- Input voltage <150Vac and output power>100W ,
- Cooling by 20CFM fan
- .Protections: Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for stage light power supply
- .Dimension(L\*W\*H):98\*75\*30(mm)
- .3 years warranty


**Specifications**

Input voltage : 100-240VAC  
 Frequency rate : 50-60HZ  
 Inrush current : ----  
 Leakage current: <5mA (@AC 230V)  
 Ripple and Noise: ≤300mV-pp  
 Voltage precision : ±5%  
 Working temperature/humidity: -25 ~ +55°C/20~90%RH , non-condensing  
 Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP150M36A-B	150	36	4.17	85%
VUP150F19A	150	19	7	90%
VUP150F24A	150	24	6.25	85%
VUP100F24A-B	100	24	4.17	85%
VUP150F36A-B	150	36	4.17	85%

# U shape constant voltage power supply

RAIBA



## VUP 200W

### Single switch power supply

#### Features

- .Constant voltage mode and single output
- .U shape aluminium diffuser with PFC
- .Cooling mode:  
Output power < 120W, Cooling by free air convection,  
Output power > 120W, Forced air cooling by DC 40CMF fan
- .Protections: Short circuit/Over current/Over power/Output over voltage
- .Comply with UL60950-1, TUV EN60950-1
- .Meet EU ROHS
- .Suitable for PAR light, wash light, laser light, moving head light
- .Dimension(L\*W\*H):127\*83\*40(mm)
- .3 years warranty



#### Specifications

- Input voltage : 90-264VAC
- Frequency rate : 47-63HZ
- Inrush current : ----
- Leakage current: < 2mA/240VAC
- Ripple and Noise: ≤500mV
- Voltage precision : ±2%
- Working temperature/humidity: -25 ~ +50°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40 ~ +80°C/10~95%RH

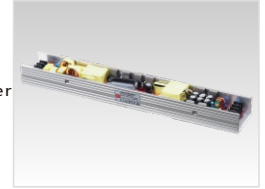
Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP180F28A	200	28	0-6.43	90%
VUP200F12A	200	12	0-16.6	87%
VUP200F24A	200	24	0-8.33	87%
VUP200F24A-M	200	24	0-8.33	87%
VUP200F12A	200	12	0-16.7	87%
VUP200F15A	200	15	0-13.3	87%
VUP200F28A-A	200	28	0-7.1	85%
VUP200F28A-B	200	28	0-7.1	85%
VUP200F36A	200	36	0-5.55	85%
VUP200F37A	200	31-37	5.41	85%
VUP200F44A	200	44	4.55	90%
VUP200F48A-X	200	44-49	4.17	85%
VUP200F48A-B	200	48	0-4.16	85%
VUP200F24A-Q	200	24	0-8.33	85%
VUP200F24A	200	24	0-8.38	85%
VUP200F28A	200	28	0-7.15	85%
VUP200F48A	200	48	0-4.2	85%
VUP200F12A	200	12	0-16.6	85%
VUP200F36A	200	36	0-5.6	85%
VUP200F24A-C	200	24	8.34	85%
VUP200F28A-C	200	28	7.15	85%
VUP200F36A	200	36	0-5.56	87%
VUP200U36A	200	36	0-5.56	87%
VUP200M36A-B	200	36	5.6	85%

## VUP 200W

### Single switch power supply

#### Features

- .Constant voltage mode and single output
- .U shape aluminium diffuser with PFC
- .Cooling by free air convection
- .Protections : Short circuit/Over current/Over power/Output over voltage
- .Comply with UL60950-1, TUV EN60950-1
- .Meet EU ROHS
- .Suitable for PAR light, wash light, moving head light, Eight heads light, matrix light, effective light
- .Dimension(L\*W\*H):346\*52\*29(mm)
- .3 years warranty



#### Specifications

- Input voltage : 90-264VAC
- Frequency rate : 47-63HZ
- Inrush current : ---
- Leakage current : ---
- Ripple and Noise : ≤500mV
- Voltage precision : ±%
- Working temperature/humidity: -25 ~ +50°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP200F48A	200	48	0-3.5	89%
VUP200F12A	200	12	0-16.7	89%

## VUP 280W

### Single switch power supply

#### Features

- .Constant voltage mode and single output
- .U shape aluminium diffuser with PFC
- .Cooling mode :  
Output Power < 150W,  
Cooling by free air convection ;  
Output Power 150W—280W,  
Forced air cooling by 25CFM fan
- .Protections : Output short circuit/Over power
- .Comply with UL60950-1, TUV EN60950-1
- .Meet EU ROHS
- .Suitable for PAR light, wash light, laser light, moving head light, Eight heads light, matrix light, city light, magic ball light, large power moving head light
- .Dimension(L\*W\*H):141\*94\*48(mm)
- .3 years warranty



#### Specifications

- Input voltage : 90-264VAC
- Frequency rate : 47-63HZ
- Inrush current : ----
- Leakage current : < 2mA/240VAC
- Ripple and Noise : ≤1Vp-p
- Voltage precision : ±2%
- Working temperature/humidity: -20°C ~ +50°C/20~90%RH, non-condensing
- Storage temperature/humidity : -40 ~ +80°C/10 ~ 95%RH

Model	Power (W)	Ch1		Ch2		Efficiency
		Output voltage (Vdc)	Input current (mA)	Output voltage (Vdc)	Input current (mA)	
VUP280F28A	280	28	0-10			86%
VUP280F36A	280	36	0-7.8			86%
VUP280F48A	280	48	0-5.8			85%
VUP280F24A	280	24	0-11.6			85%
VUP280F36A	280	33-36	0-7.8			85%
VUP280F36A	250	36	7.8			86%
VUP300F48/28B	300	48	3.75	24	5	85%
VUP280F28A-A	280	28	0-10			88%

## VUP 300W

### Single switch power supply

#### Features

- .Constant voltage mode and single output
- .U shape aluminium diffuser with PFC
- .Cooling by 40CFM fan
- .Protections : Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ;
- .Meet EU ROHS
- .Suitable for stage light, single output and constant voltage power supply
- .Dimension(L\*W\*H):160\*65\*40(mm)
- .3 years warranty



#### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current : ----
- Leakage current : <0.5mA ( @AC 264V )
- Ripple and Noise : ≤1Vp-p
- Voltage precision : ±3%
- Working temperature/humidity: -25 ~ +40°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP200F28A-B	200	28	7.1	85%
VUP300F24A-B	300	24	12.5	90%
VUP300F28A-B	300	28	10.7	85%

## VUP 300W

### Single switch power supply

#### Features

- .Constant voltage mode and single output
- .U shape aluminium diffuser with PFC
- .Cooling mode:
- Output Power < 150W, Cooling by free air convection
- Output Power > 150W, Forced air cooling by DC 40CFM
- .Protections: Short circuit/Over current/Over power
- .Comply with UL60950-1,TUV EN60950-1
- .Meet EU ROHS
- .Suitable for stage light drive power supply and industrial power supply
- .Dimension(L\*W\*H):127\*83\*40(mm)
- .3 years warranty



#### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current : ----
- Leakage current: ≤2mA 240VAC
- Ripple and Noise: ≤300mV
- Voltage precision : ≤±3%
- Working temperature/humidity: -25 ~ +50°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP300F24A-B	300	24	12.5	88%
VUP300F30A-B	300	30	10	90%
VUP300F31A-B	300	31	9.68	90%
VUP300F36A-B	300	36	8.34	88%
VUP300F24A	300	24	12.5	88%
VUP300F36A	300	36	8.34	89%
VUP300F48A	300	48	6.25	86%

## VUP 320W

### Single switch power supply

#### Features

- .Constant voltage mode and single output
- .U shape aluminium diffuser with PFC
- .Output power > 200W, Cooling by 20CFM fan
- .Protections: Output short circuit/Over power
- .Comply with EN55022(C/SPR22)ClassB, EN61000-4-2,3,4,5,6,8,11, EN61000-6-2(EN50082-2),heavy industry criteria A
- .Meet EU ROHS
- .Suitable for stage light drive power supply and industrial power supply
- .Dimension(L\*W\*H):138\*88\*44(mm)
- .3 years warranty



#### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current : ----
- Leakage current: <0.5mA ( @AC 264V )
- Ripple and Noise: ≤400mVp-p
- Voltage precision : ±3%
- Working temperature/humidity: -2 ~ +50°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP320F28A	320	28	11.43	>85%
VUP320F36A	320	36	8.89	>88%
VUP320F48A	320	47V	6.67A	90%
VUP320F36A-Y	320	36	8.89	88%
VUP320F48A-Y	320	48	6.67	88%

## VUP 350W

### Single switch power supply

#### Features

- .Constant voltage mode and single output
- .U shape case with PFC
- .Cooling by free air convection
- .Protections : Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for LED light
- .Dimension(L\*W\*H):160\*72\*40(mm)
- .3 years warranty



#### Specifications

- Input voltage : 28~350VAC
- Frequency rate : 47~63HZ
- Inrush current : < 60A
- Ripple and Noise : < 500mAp-p
- Current precision : ±2%
- Working temperature/humidity : -20°C ~ +55°C, 20~90%RH, non-condensing
- Storage temperature/humidity : -40~+80°C, 10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP350F28A	350	28	12.5	90%

## VUP 500W Single switch power supply

### Features

- .Constant voltage mode and single output
- .U shape aluminium diffuser with PFC
- .Cooling by fan
- .Protections : Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for PAR light, wash light, laser light, moving head light, Eight heads light, matrix light, city light, magic ball light, large power moving head light
- .Dimension(L\*W\*H):185\*88\*44(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current : ----
- Leakage current : <0.5mA ( @AC 264V )
- Ripple and Noise : ≤240mV-p
- Voltage precision : ±2%
- Working temperature/humidity: -25 ~ +55°C/20~90%RH, non-condensing
- Storage temperature/humidity: -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
VUP500F24A	500	24	20.84	92%
VUP500F48A	500	48	10.42	92%
VUP500F52A	500	52	9.62	92%

## VUP 400W Dual switch power supply

### Features

- .Constant voltage mode and dual output
- .U shape aluminium diffuser with PFC
- .Output Cooling by 80CFM fan
- .Protections : Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for stage light, dual output and constant voltage power supply
- .Dimension(L\*W\*H):130\*88\*44(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current : ----
- Leakage current : <0.5mA ( @AC 264V )
- Ripple and Noise : ≤1Vp-p
- Voltage precision : ±3%
- Working temperature/humidity : -20°C ~ +40°C/20~90%RH, non-condensing
- Storage temperature/humidity : -40 ~ +80°C/10~95%RH

Model	Power (W)	Ch1		Ch2		Efficiency
		Output voltage (Vdc)	Input current (mA)	Output voltage (Vdc)	Input current (mA)	
VUP400F36/12B-B	400	36	10.78	12	1	89%
VUP400F25/12B-B	400	25	15.52	12	1	89%

## VUP 400W Dual switch power supply

### Features

- .Constant voltage mode and dual output
- .U shape aluminium diffuser with PFC
- .Cooling by free air convection
- .Protections : Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for constant voltage power supply and stage light power supply
- .Dimension(L\*W\*H):258.6\*99\*45(mm)
- .3 years warranty



### Specifications

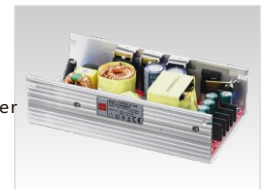
- Input voltage : 100-240VAC
- Frequency rate : 50-60HZ
- Inrush current : <60A
- Leakage current : <2mA ( @AC 240V )
- Ripple and Noise : 48V≤350mV-p,12V≤300mVp-p
- Voltage precision : 48V±5% , 12V±5%
- Working temperature/humidity : -25°C ~ +55°C/20~90%RH, non-condensing
- Storage temperature/humidity : -40 ~ +80°C/10~95%RH

Model	Power (W)	Ch1		Ch2		Efficiency
		Output voltage (Vdc)	Input current (mA)	Output voltage (Vdc)	Input current (mA)	
VOP400F48/12B-B	400	48	7.5	12	4	85%

## VUP 600W Dual switch power supply

### Features

- .Constant voltage mode and dual output
- .U shape aluminium diffuser with PFC
- .Output power>400W,Cooling by 40CMF fan
- .Protections : Output short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for stage light power supply
- .Dimension(L\*W\*H):140\*83\*44(mm)
- .3 years warranty



### Specifications

- Input voltage : 100-240VAC
- Frequency rate : 47-63HZ
- Inrush current : ----
- Leakage current : <0.5mA ( @AC 264V )
- Ripple and Noise : ≤500m V-p
- Voltage precision : ±5%
- Working temperature/humidity : -25°C ~ +55°C/20~90%RH, non-condensing
- Storage temperature/humidity : -40 ~ +80°C/10~95%RH

Model	Power (W)	Ch1		Ch2		Efficiency
		Output voltage (Vdc)	Input current (mA)	Output voltage (Vdc)	Input current (mA)	
VUP600F24A-C	400	24	25			90%
VUP600F28/28B	600	28	10.72	28	10.72	90%
VUP600F36/24B-C	600	36	16	24	1	90%
VUP600F41/28B-C	600	41	9.76	29.5	6.78	90%
VUP600F48/28B-C	600	48	8.34	28	7.15	88%

**VUP 600W**
**Dual switch power supply**
**Features**

- .Constant voltage mode and dual output
- .U shape aluminium diffuser with PFC
- .Cooling mode :  
Output Power < 200W, Cooling by free air convection  
Output Power > 200W, Cooling by 40CFM fan
- .Protections : Output short circuit/Over power
- .Comply with UL60950-1, TUV EN60950-1 ;  
EN55022(C/SPR22) Class B
- .Meet EU ROHS
- .Suitable for stage light power supply and industrial power supply
- .Dimension (L\*W\*H): 180\*83\*44(mm)
- .3 years warranty


**Specifications**

- Input voltage : 100-240VAC
- Frequency rate : 47-63HZ
- Inrush current : ---
- Leakage current : < 0.5mA ( @ AC 264V )
- Ripple and Noise : CH1: ≤ 500mV-pp , CH2: ≤ 500mV-pp
- Voltage precision : ±6%
- Working temperature/humidity : -25°C ~ +55°C / 20~90%RH , non-condensing
- Storage temperature/humidity : -40 ~ +80°C / 10 ~ 95%RH

Model	Power (W)	Ch1		Ch2		Efficiency
		Output voltage (Vdc)	Input current (mA)	Output voltage (Vdc)	Input current (mA)	
VUP600F28/28B532-1	600	28	10.72	28	10.72	89%
VUP600F48/12B-U	600	48	3.84	12	16.67	88%
VUP600F48/28B408-B	600	48	8.34	28	7.15	88%
VUP600F36/36B-B	600	36	8.33	36	8.33	90%
VUP600F54/36B-U	600	54	7.4	36	5.56	85%
VUP600F12/12B-U	600	12	16.67	12	16.67	85%
VUP600F150/12B/U	600	150	2.67	12	16.67	85%
VUP600F150/54B-U	600	150	2.67	54	3.7	90%
VUP600F24/12B-U	600	24	16.67	12	16.67	85%
VUP600F52/52B-U	600	52	7.7	52	3.85	90%
VUP600F24A-B	600	24	25			90%
VUP600F28/28B-B	600	28	10.7	28	10.7	85%



**CUN 300W**

Single switch power supply

**Features**

- .Constant current mode and single output
- .U shape case
- .Forced air cooling (10CFM)
- .Protections: Short circuit/Over power
- .Comply with UL60950-1,TUV EN60950-1 ; EN55022(C/SPR22)ClassB
- .Meet EU ROHS
- .Suitable for PAR light, wash light, laser light, moving head light, Eight heads light, matrix light, city light, magic ball light, large power moving head light
- .Dimension(L\*W\*H):73\*55\*20(mm)
- .3 years warranty



**Specifications**

- Input voltage : 12V--30VDC
- Frequency rate : --
- Inrush current : --
- Ripple and Noise : ≤1000mV
- Current precision : ±5%
- Working temperature/humidity : -20~50°C ; 20~75%RH, non-condensing
- Storage temperature/humidity : -40~+80°C/10~95%RH

Model	Power (W)	Ch1		Efficiency
		Output voltage (Vdc)	Output current (mA)	
CUN50D12A	50	4	12	85%
CUN100D6A	100	17	6	85%
CUN105D8A	105	3.3~13	8	85%
CUN110D9A	110	3.3~12	9	85%
CUN170D15A	170	3.3~12	14.5	85%
CUN210D17A	210	3.3~12	17.5	85%
CUN240D20A	240	3.3~12	20	95%
CUN300D8A	300	3.3~42	7.5	85%

More stable power supply

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ADD : No.898 Gaoming Avenue East, He Cheng Blvd, Gaoming District,  
Foshan City, Guangdong Province, China

P.C. : 528511

TEL : 0757-88325032 FAX : 0757-88325003 ( TO 111 )

WEBSITE : [www.r-box.com.cn](http://www.r-box.com.cn)

\*If all the specifications have changed, we will not further notice.