

Follow these easy steps to choose the right PDU

1. First, determine what power is available on site (Example: 16A, 1Ph = 16 Amp, 1 Phase)
2. Determine the load, required in Watts or Amps
3. Choose your PDUs based on the number of total outlets required (see next page if need combinations of PDUs)
4. Follow the chart looking at the plug type you required

C13 Solutions (x3550, x3650..)

C19 Solutions (Blade Center)

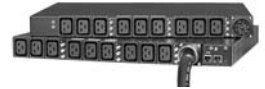
Plug Description	Amps Phase	Voltage Max Watts/ Amps	C13 Solutions (x3550, x3650..)			C19 Solutions (Blade Center)								
			# C13 Outlets (sockets)	iPDU (Intelligent PDU)	Power Cord P/N	# C13 Outlets (sockets)	non-iPDU (basic PDU)	Power Cord P/N	# C19 Outlets (sockets)	iPDU (Intelligent PDU)	Power Cord P/N	# C19 Outlets (sockets)	non-iPDU (basic PDU)	Power Cord
See Table A	16A 1 Ph	230V <3,450W <16A	no solution available use 7,360 watt options			7	Universal Rack PDU (choose from Table A)	supplied with PDU	no solution available for C19 use 7,360 watt options and above			no solution available for C19 use 7,360 watt options and above		
IEC60309 (P+N+G) 332P6W	32A 1 Ph	230V <7,360W <32A	12	Enterprise PDU+ P/N 39M2816	40K9612	12	Enterprise PDU P/N 39Y8941	40K9612	6 & 3xC13	Enterprise PDU+ P/N 39M2818	40K9612	9 & 3xC13	IBM Ultra Density Enterprise PDU P/N 71762NX (43V5969)	40K9612
			24 & 3xC19	One Enterprise PDU+ P/N 39M2818 and three Rack PDUs (Table A)	40K9612	21	One Front End PDU P/N 39Y8934 and three Rack PDUs (Table A)	supplied with PDU	9 & 3xC13	Ultra Density Enterprise PDU+ P/N 71762MX (43V5967)	40K9612	3	Front-end PDU P/N 39Y8934	supplied with PDU
IEC60309 (P+N+G) 363P6W	63A 1 Ph	230V <10,350W** <63A	no solution available use 14,490 watt options			21	One Front End PDU P/N 39Y8935 and three Rack PDUs (Table A)	supplied with PDU	no solution available for C19 use 14,490 watt options and above			3	Front End PDU P/N 39Y8935	supplied with PDU
		230V <14,490W <63A	12	Enterprise PDU+ P/N 39M2816	40K9613	12	Enterprise PDU P/N 39Y8941	40K9613	6 & 3xC13	Enterprise PDU+ P/N 39M2818	40K9613	6	Enterprise PDU P/N 39M2818	40K9613
IEC60309 (3P+N+G) 532P6W	32A 3 Ph	230V <22,080W <32A per phase	12*	Enterprise PDU+ P/N 39M2816	40K9611	12	Enterprise PDU P/N 39Y8948	40K9611	9 & 3xC13	Ultra Density Enterprise PDU+ P/N 71762MX (43V5967)	40K9611	9 & 3xC13	Ultra Density Enterprise PDU P/N 71762NX (43V5969)	40K9611
			31 & 2xC19	One Enterprise PDU+ P/N 39M2818 and four Rack PDUs (Table A)	40K9611	28 & 2xC19	One Enterprise PDU P/N 39Y8948 and four Rack PDUs (Table A)	40K9611	8 & 10xC13	One Ultra Density Enterprise PDU+ P/N 71762MX (43V5967) and one Rack PDU (Table A)	40K9611	12	High Density PDU P/N 39Y8999	supplied with PDU

*Up to 24 receptacles when using the 2.8M rack power cable (IBM P/N 25R5785)

**Wattage is limited by the Front End PDU

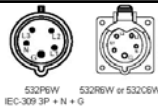
Product Focus

Ultra Density Enterprise C19/C13 PDU



- Nine C19 and three C13 outlets for increased power capabilities
- Can be side-mounted (zero U) or rack-mounted (1U) for ultimate flexibility and space savings
- PDU+ models offer enhanced monitoring capabilities
- PDU+ models integrates with IBM Active Energy Manager for consolidated rack monitoring

Understanding IEC60309 Info.



Nomenclature: The first position is the number of pins (5 in this case). Next is the amps (32 in this case). Next is P for plug, R for receptacle (wall mount) or C for in-line connector (whip). Next is the clock position of the receptacle ground pin (6 o'clock in this case). Next is W for watertight, per IP67 specification. Result is **532P6W**.

Table A	
DPI Rack PDU is supplied with country specific connections, choose yours	
PDU & Euro line cord	39Y8952
PDU & Denmark line cord	39Y8953
PDU & Israel line cord	39Y8954
PDU & Italy line cord	39Y8955
PDU & South Africa line cord	39Y8956
PDU & UK line cord	39Y8957
Note: Rack PDU is supplied with IEC C19 to IEC C20 power cord	

Feature	New DPI Ultra Density Enterprise PDU (71762NX & 71763NU) & PDU+ (71762MX & 71763MU)	DPI Enterprise PDU+ 39M2816 to 39M2819	DPI Enterprise PDU 39Y8923, 39Y8941 & 39Y8948	DPI High Density PDU 39Y8999	DPI Rack & Front End (FE) PDU 39Y8934 to 39Y8957
Type of PDU	Ultra-Dense	Best	Better	Better	Good
Qty C13 (10A) outlets	3	12 (39M2816)	12	none	7 (Rack)
Qty C19 (16A) outlets	9	6+3/C13**	6	12	3 (FE)
Size	Full width	Full width	Full width	Full width	½ width
Connection Sides	2	1 or 2**	1	2	2
Overload protection	Breaker	Breaker	Breaker	Fuse*	Fuse*
Maximum Operating Temp	60C	60C	40C	40C	40C
Inout Voltage (Phases)	1Ph & 3Ph	1Ph & 3Ph	1Ph & 3Ph	3Ph	1Ph & 3Ph
Monitoring	Ethernet Remote, higher accuracy***	Ethernet Remote	none	none	none

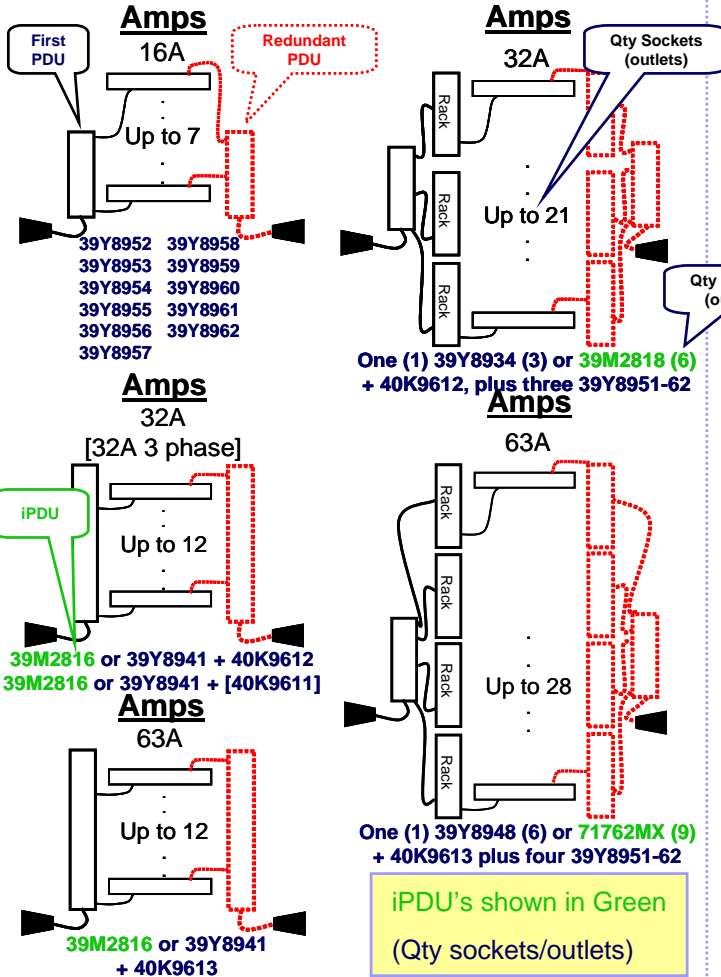
*Unit replacement is required to change the fuse.

39M2818 and 39M2819. *71762MX and 71763MU.

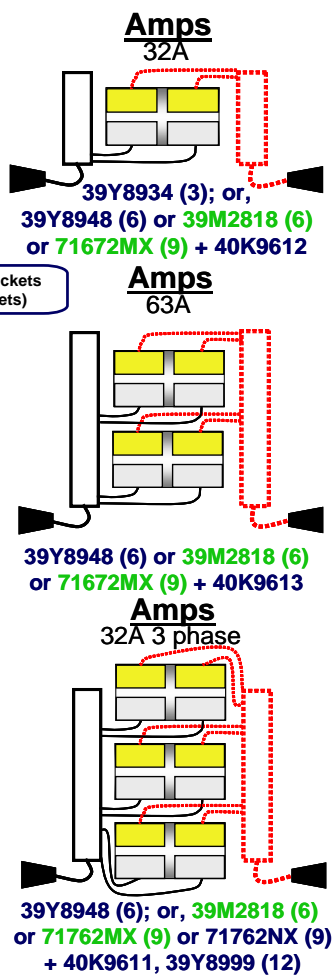
IBM System X – PDU Solutions for EMEA – April 2008



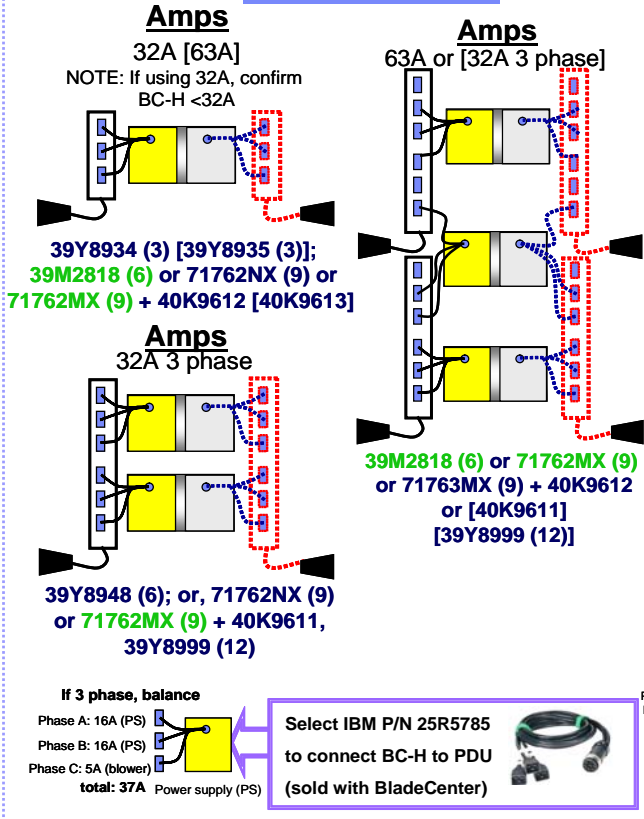
1U – 2U Servers



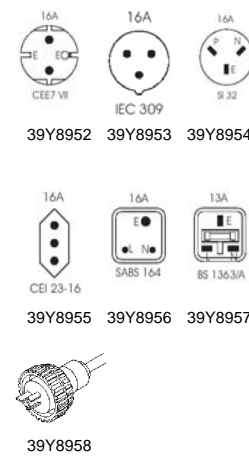
BladeCenter & BC-S



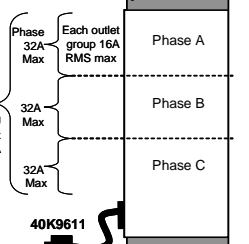
BladeCenter H



DPI Rack PDU Plugs



32A 3-Phase Max Amps per PDU, Phase and Outlet Explained



Some PDUs may have more outlets than shown.

Web sites
IBM: <http://www-03.ibm.com/systems/x/hardware/options/powerdistribution.html>

Eaton: http://www.powerware.com/ibm/emea/Products/UPS_systemx.asp

PDU EMEA Handout v9 1 April 2008

Your Eaton Account Manager is:
Note: We offer on site training on PDUs, to set this up, contact:
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DPI Rack PDU
39Y8951 to 39Y8963

Legend

1. 71762MX
2. 71762NX
3. 39M2818
4. 39M2816
5. 39Y8999
6. 39Y8948
7. 39Y8941

