

Smart-UPS On-Line

1-20 kVA

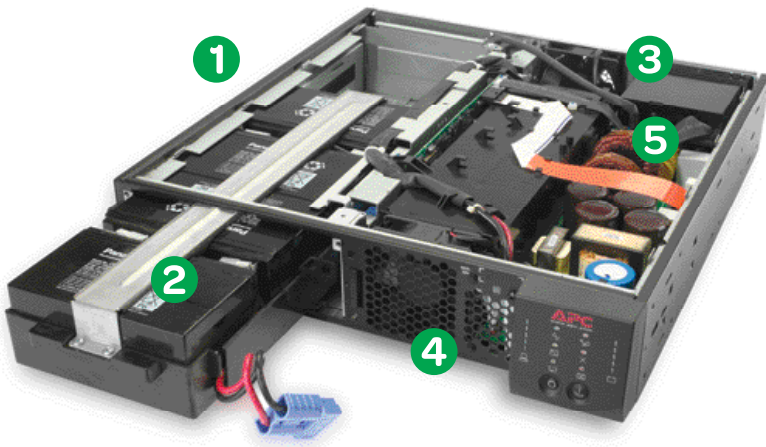
High-density, double-conversion online power protection with scalable runtime



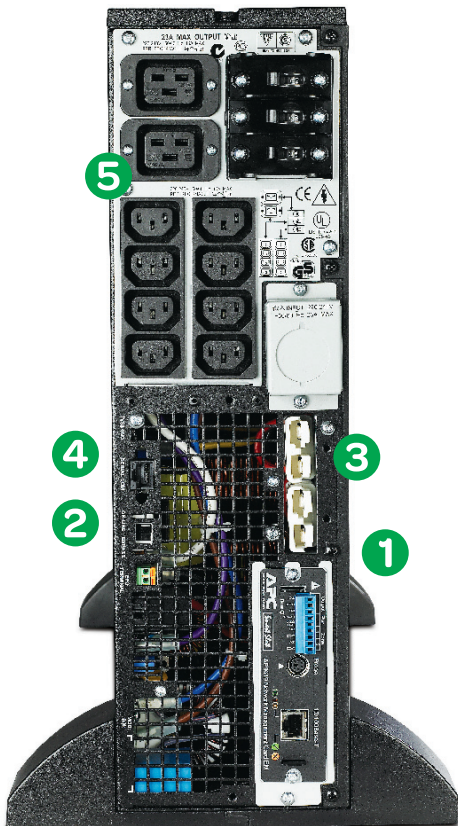
A versatile UPS developed for the harshest power conditions in the world

Smart-UPS™ On-Line provides high-density, true double-conversion online power protection for servers, voice/data networks, medical labs, and light industrial applications. Capable of supporting loads from 1 to 20 kVA in a rack/tower convertible form, the Smart-UPS On-Line is available from 2U to 12U. Recent family extensions at 15 and 20 kVA enable support of power hungry blade servers or heavily loaded equipment racks. When business-critical systems require runtime in hours, not minutes, Smart-UPS On-Line can be configured with matching battery packs to comply with aggressive runtime demands. The included PowerChute™ management software provides unattended graceful shutdown of network operating systems. All models 5 kVA and above include an integrated network management card for remote management (optional on models below 5 kVA). The entire Smart-UPS On-Line family provides value to customers with demanding power environments, including very wide input voltage window, extremely tight output voltage regulation, frequency regulation, internal bypass, and input power factor correction.

Features and Benefits



- 1 Rack/Tower Convertible**
Ensures integration in various environments
- 2 Hot-swap/User-replaceable Batteries**
Ensures continuous operation of the load even when the batteries are being replaced
- 3 Double Conversion Online**
Provides tight voltage and frequency regulation and zero transfer time for reactive loads (machinery, lab equipment, etc.)
- 4 Advanced 16-Segment LED Display**
Quickly understand unit and power status with visual indicators. (LCD on 15-20 kVA models)
- 5 Frequency and Voltage Regulation**
Gives higher application availability by correcting poor frequency and voltage conditions without using the battery



- 1 UPS Network Management Card with Environmental Monitoring**
Provides remote user interface, Manage via Web Browser, SNMP, and Telnet. Includes graceful unattended shutdown.
- 2 Serial Connectivity**
Enables quick and easy configuration of the UPS.
- 3 Scalable Runtime**
Allows additional run time to be quickly added as needed.
- 4 Built-in Automatic and Manual Bypass**
Ensures seamless power to the load even in the event of catastrophic UPS failure.
- 5 Field-replaceable Power Distribution Panels**
Enable quick in-field modification of output receptacles to fit changing needs.

Product Accessories

Management Cards

- AP9610: Relay I/O SmartSlot™ Card
- AP9622: Modbus™/Jbus Interface Card
- AP9630: UPS Network Management Card
- AP9631: UPS Network Management Card with Environmental Monitoring
- AP9810: APC™ Dry Contact I/O Accessory

Transformers

- APTF10KW01: APC WW 10 kVA Isolation Transformer
- APTF20KW01: APC WW 20 kVA Isolation Transformer
- SURT001: APC Smart-UPS RT 3000VA 230V Isolation Transformer
- SURT002: APC Smart-UPS RT 5000VA 230V Isolation Transformer

Backplate Kits

- SURT007: APC Smart-UPS RT 3/5/6 kVA Input/Output Hardwire Kit
- SURTPD1: APC Smart-UPS RT 15/20 kVA 200-240V PDU with (8) IEC320 C13 and (2) IEC320 C19
- SURTPD2: APC Smart-UPS RT 15/20 kVA 200-240V PDU with (4) IEC320 C19
- SYPD10: Symmetra™ RM 230V Backplate Kit with (2) IEC320 C19 and (1) IEC 60309

Other

- SURT013: SURT Equipment Cart

Rail Kits

- SURTRK: APC Smart-UPS RT 482 mm Rail Kit 1-2,2 kVA
- SURTRK2: APC Smart-UPS RT 482 mm Rail Kit for Smart-UPS RT 3/5/6/8/10 kVA
- SURTRK4: APC Smart-UPS RT 482 mm Rail Kit for Smart-UPS RT 15/20 kVA

Battery Packs

- SURT48XLBP: APC Smart-UPS RT 48V Battery Pack
- SURT48RMXLBP: APC Smart-UPS RT 48V RM Battery Pack
- SURT192XLBP: APC Smart-UPS RT 192V Battery Pack
- SURT192RMXLBP: APC Smart-UPS RT 192V RM Battery Pack
- SURT192RMXLBP2: APC Smart-UPS RT 192V RM Battery Pack 2 Rows

Service Bypass Panels

- SBP3000: APC Service Bypass Panel 100-240V; 30A; BBM; Hardwire Input/Output
- SBP6KRMI2U: APC Service Bypass Panel 230V; 50A; MBB; Hardwire Input; (4) IEC-320 C19 Output
- SBP10KRMI4U: APC Service Bypass Panel 230V; 100A; MBB; Hardwire Input; IEC-320 Output (8) C13 (2) C19
- SBP20KP: APC Service Bypass Panel 200/208/230/240V 125A HW Input/Output
- SBP20KRMI4U: APC Service Bypass Panel 230V 125A HW Input IEC-320 Output (8) C19

