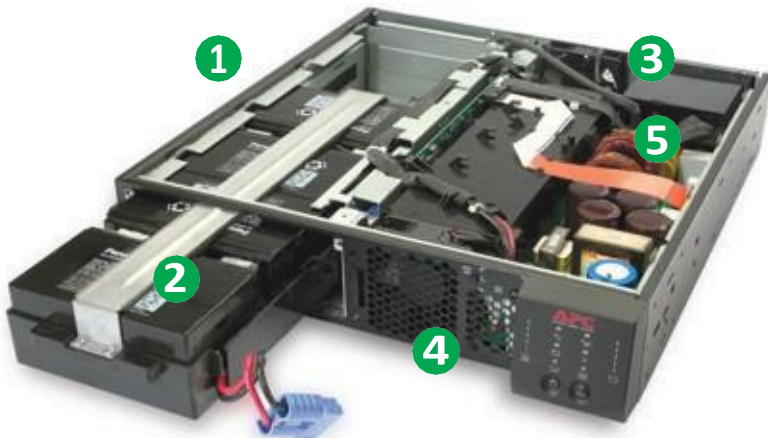# Smart-UPS On-Line

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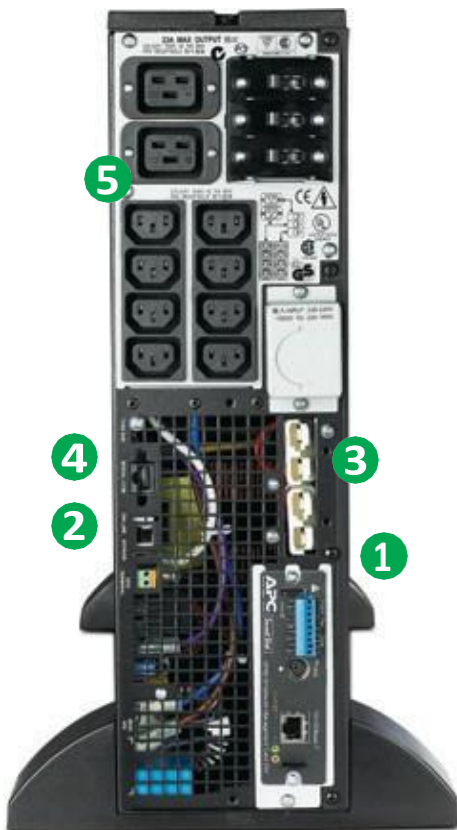power protection with scalable runtime

## A versatile UPS developed for unstable power conditions worldwide.

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 2 U to 12 U. The 15 kVA and 20 kVA models 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 conditions, including a very wide input voltage window, extremely tight output voltage regulation, frequency regulation, internal bypass, and input power factor correction.

**APC**™
by **Schneider** Electric

# Features and benefits



**1** Rack/tower convertible
Ensures integration in various environments

**2** Hot-swappable/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, managed via web browser, SNMP, and Telnet. Includes graceful unattended shutdown. The UPS Network Management Card is pre-installed on UPS models 5 kVA through 20 kVA

**2** Serial connectivity
Enables quick and easy configuration of the UPS

**3** Scalable runtime
Allows additional runtime 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
Enables quick in-field modification of output receptacles to fit changing needs

# Product accessories

## Management cards

AP9610: Relay I/O SmartSlot™ Card
(not compatible with SURTD UPS models)

AP9622: Modbus®/Jbus Interface Card
(not compatible with SURTD UPS models)

AP9630: UPS Network Management Card

AP9631: UPS Network Management Card with
Environmental Monitoring

AP9810: APC™ by Schneider Electric™ Dry
Contact I/O Accessory (not compatible with
SURTD UPS models)

AP9620: Legacy Communications SmartSlot Card
(compatible with SURTD UPS models only)

## Transformers

APTF10KW01: APC WW 10 kVA Isolation
Transformer

APTF20KW01: APC WW 20 kVA Isolation
Transformer

SURT001: APC Smart-UPS RT 3000 VA 230 V
Isolation Transformer

SURT002: APC Smart-UPS RT 5000 VA 230 V
Isolation Transformer

## Backplate kits

SURT007: APC Smart-UPS RT 3/5/6 kVA Input/
Output Hardwire Kit

SYPD10: Symmetra™ RM 230 V Backplate Kit with
(2) IEC 320 C19 and (1) IEC 60309

## Other

SURT013: SURT Equipment Cart

## Rail kits

SURTRK: APC Smart-UPS RT 482 mm Rail Kit 1 kVA
and 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 48 V
Battery Pack

SURT48RMXLBP: APC Smart-UPS RT 48 V
RM Battery Pack

SURT192XLBP: APC Smart-UPS RT 192 V
Battery Pack

SURT192RMXLBP: APC Smart-UPS RT 192 V
RM Battery Pack

SURT192RMXLBP2: APC Smart-UPS RT 192 V
RM Battery Pack 2 Rows

## Service bypass panels

SBP3000: APC Service Bypass Panel 100 – 240 V;
30 A; BBM; Hardwire Input/Output

SBP6KRMI2U: APC Service Bypass Panel 230 V;
50 A; MBB; Hardwire Input; (4) IEC 320 C19 Output

SBP10KRMI4U: APC Service Bypass Panel 230 V;
100 A; MBB; Hardwire Input; IEC 320 Output (8)
C13 (2) C19

SBP20KP: APC Service Bypass Panel
200/208/230/240 V 125 A HW Input/Output

SBP20KRMI4U: APC Service Bypass Panel 230 V
125 A HW Input IEC 320 Output (8) C19



## > A comprehensive portfolio of services

Schneider Electric Critical Power & Cooling
Services (CPCS) provides the expertise, services,
and support you need for your building, industry,
power, or data center infrastructure. Our world-class
life cycle services offer a smart way to install and
maintain your critical applications, ensuring your
systems are always running at peak performance.