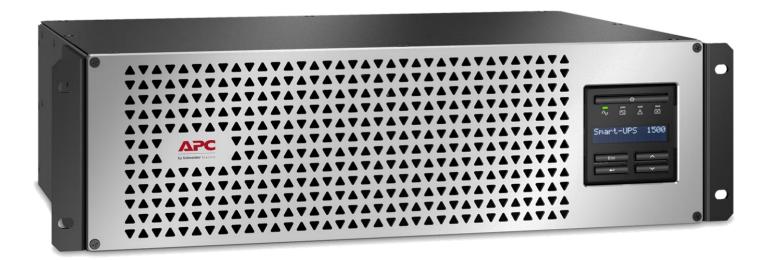


# Smart-UPS Lithium-ion Short-depth UPS 120V

**APC Certainty with Total Cost of Ownership in mind** 





# The world's most popular network and server UPS now with Lithium-ion batteries!

APC™ award-winning Smart-UPS™ is the most popular UPS in the world for servers, storage and network power protection. Smart-UPS provides availability and manageability to your network allowing you to focus on business growth instead of business downtime. Trusted to protect critical data and equipment from power problems by supplying clean and reliable network-grade power.

Smart-UPS' patented green mode provides extremely high efficiency at low, medium and high load levels making them ideal for multi-core or virtualized servers that have varying load consumption all while saving utility costs. Managed outlet groups allow segmented load control to power on or off your equipment in series as well as load shedding to preserve battery power for critical connected equipment or reboot a hung device without impacting other equipment. Lithium-ion batteries now allow for double the battery life, higher battery performance at higher temperatures and a decrease in total cost of ownership.



# Total Cost of Ownership decreases up to 47% when using Smart-UPS Li-ion UPS solutions.

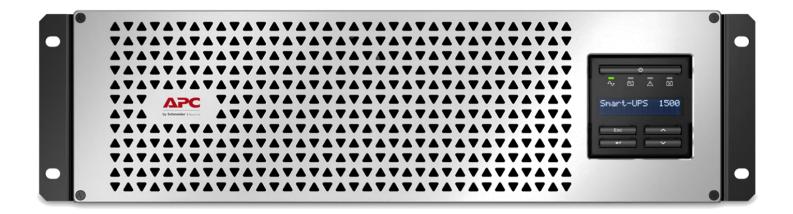
APC Smart-UPS with Lithium-ion technology enables IT professionals to operate more effectively and decrease Total Cost of Ownership (TCO) by minimizing UPS maintenance and offering remote UPS management across distributed environments.

- Greater life expectancy Increase battery lifecycle 2X
- Greater cost savings Reduce expenses over the lifetime of the UPS compared to UPSs with lead acid batteries
  - \$ Eliminate cost of replacing batteries every 3-5 years
  - \$ Eliminate the labor cost of changing the batteries
  - \$ Eliminate associated costs of shipping and recycling old batteries
  - \$ Increased lifecycle asset management
- ➤ Greater temperature tolerance Excellent battery performance at higher ambient temperatures up to 104°F/40°C
- Greater voltage management of the battery discharge cycle
- Greater efficiency in both charge and discharge of the batteries
- Easy installation and handling with lighter internal batteries
- Management options for remote UPS management



# **Smart-UPS Li-ion Features**

Intelligent and efficient network power protection. Ideal for servers, point-of-sale, routers, switches, hubs, and other network devices.



### **High-efficiency Green Mode**

Achieves up to 97% percent efficiency, which minimizes utility and cooling costs without compromising performance or reliability.

### **Network-grade Power**

Provides stable power conditions by filtering noise, automatic voltage regulation (AVR), and surge protection.

### Alphanumeric LCD Display

Intuitive interface provides detailed and accurate information with ability to configure locally.

### **Built-in Energy Meter**

Measures energy use and displays UPS efficiency in various modes of operation for easy energy tracking.

### **Intelligent Battery Management System**

Li-ion batteries are monitored at an individual cell level to manage voltage and temperatures of the set of cells. This helps the Li-ion batteries to provide a higher level of safety.

### **Operate Without Battery**

Ability to immediately protect equipment when power returns after a complete discharge of the battery.

### **Five-year Warranty**

Peace of mind with a 5-year warranty on both electronics and internal batteries.



# **Smart-UPS Features**



### **Switched Outlet Group(s)**

Ability to control a group of output load receptacles independent from the main UPS.

### **Enables:**

- Cycling the entire UPS
- Sequenced turn ON/OFF
- Shedding of noncritical loads based on a variety of parameters (battery time, runtime remaining, and overload)
- Scheduled time OFF to conserve energy
- Rebooting hung device without cycling the entire UPS

### **Input Circuit Breaker**

Re-settable protection

### Flash Upgradeable Firmware

Allows for field updates of firmware via communication ports or Network Management Card (NMC)

### **Communication Ports**

Serial, USB, Ethernet, and SmartSlot for network accessory cards.

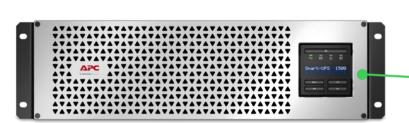
### **Communication Protocols**

Modbus serial, USB PowerSummary, HTTP, SNMP, and Telnet.





### Intuitive, easy-to-use LCD interface



### **LCD Display Screen:**

Clear, consistent, and detailed information in your choice of basic or advanced menus

### **Power Status:**

- Operating mode and efficiency
- Load VA/Watts/Amps
- Input/Output voltage and frequency
- · Battery capacity and runtime
- · Energy meter and more

### **Configuration:**

- Language
- Power quality settings
- Alarm, delay, and threshold settings

### **Test and Diagnostics:**

Initiate battery and runtime calibration tests



### Control:

UPS and outlet group settings

### Logs:

See explanation of last 10 transfers and faults

#### **Quick Status Indicators:**

Online, on battery, fault, and replace battery LEDs for quick status identification

### Escape, Return and Navigation Buttons

Intuitive navigation to confirm, exit or adjust settings

### **Load Energy Meter**

Track energy usage in kilo watt hours



## **Smart-UPS management solutions**

# PowerChute Business Edition For graceful UPS shutdown

### Built-in manageability for your UPS unit

PowerChute™ Business Edition software provides UPS management, safe system shutdown, and innovative energy reporting capabilities. Energy usage, cost, and CO2 reporting provides a greater understanding of the energy consumed by IT equipment, enabling improved energy efficiency. Advanced analysis features help to identify the causes of potential power-related problems before they occur, ensuring the health of your protected equipment.



#### PowerChute Business Edition features:

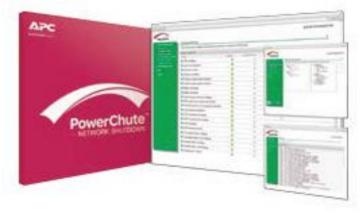
- Graceful system shutdown
- Fault notifications
- Risk-assessment reporting
- Scheduled shutdowns
- Energy-usage reporting
- Centralized monitoring
- Recommended actions
- Battery status
- Outlet-aware shutdown
- Event and data logging
- Power-event summary
- Voltage analysis

### PowerChute Network Shutdown

### For machine prioritization

# Reliable, virtualized shutdown of multiple devices

PowerChute™ Network Shutdown Edition software provides UPS management, safe system shutdown, and innovative energy reporting capabilities. Energy usage, cost, and CO2 reporting provides a greater understanding of the energy consumed by IT equipment, enabling improved energy efficiency. Advanced analysis features help to identify the causes of potential power-related problems before they occur, ensuring the health of your protected equipment.



### PowerChute Network Shutdown features:

- Graceful network-based shutdown
- Sequenced server shutdown
- Integration with Vmware and Microsoft Hyper-V
- Support for virtual clusters
- Virtual machine migration / shutdown
- IPv6 support

- Virtual machine prioritization
- Command file integration
- Redundant and parallel UPS support
- Event logging
- HTTPS communications
  - Scalable architecture for host of client systems





# **Smart-UPS management options**

# APC SmartConnect The world's most popular UPS just got smarter

### The first cloud enabled UPS for distributed IT

Automatically included in select connectivity feature that makes the legendary devices even more adaptable and even easier to deploy: APC SmartConnect allows you to view the status of your UPS through a secure web portal. Through this innovative remote monitoring interface, you will receive automatic notifications, firmware updates, and advanced support.

Learn more at: apc.com/smartconnect



#### APC SmartConnect features:

- No special software or gateway required
- Accessible from any internet connected device
- Compatible with major RMM platforms
- Actionable alerts and lifecycle recommendations
- Enhanced troubleshooting and support
- Simple account login and registration

### **EcoStruxure IT**

# Connecting hybrid IT environments for advanced insights

### Cloud-based vendor-neutral monitoring with EcoStruxure IT

EcoStruxure™ IT monitors and protects your critical equipment, providing 24/7 visibility through live data, smart alarming, and data-driven insights on the health of your connected assets directly to your smartphone.

When you upgrade to EcoStruxure Asset Advisor, remote troubleshooting is provided by the experts monitoring your connected assets 24x7

Learn more at: schneider-electric.com/ecostruxure



### Remote Service

Increase your data center's uptime with intelligent 24x7 monitoring & remote troubleshooting service

#### Analytics

Gain insight into how well your data center runs - receive recommendations & data-driven intelligence

## Mobile Insights

Stay connected to your data center with live data & alarms on your smartphone app





# UPS Network Management Cards For remote management and control

# Connect to your network and enjoy direct control

APC UPS network management cards allow for secure connection and control of an individual APC UPS unit via web browser, command-line interface, or SNMP. The configurable notification features keep you informed of problems as they occur. For protected servers, the included PowerChute Network Shutdown software provides graceful, unattended shutdown in the event of an extended power outage, always keeping business information safe.



- AP9630: UPS Network Management Card
- AP9631: UPS Network Management card with environmental monitoring



### Network management card features:

- Brower accessible: View the user interface with a browser for quick access from anywhere, on a secure network
- Remote device management: Enable management of your UPS by connecting it directly to the network
- Fault notification: Get real-tim event notifications, minimizing response time to critical physical infrastructure situations – reducing meantime to repair, improving efficiency, and maximizing uptime
- Reboot equipment remotely: Eliminates the need to dispatch technicians to remote locations
- AP9635: UPS Network Management card with environmental monitoring, Out of Band Access and Modbus
- **AP9620:** Legacy communications SmartSlot card

### **Smart-UPS Accessories**

### Rail Kit Option

AP9625: APC Smart-UPS two-post rail kit

### Service bypass panels

SBP1500RM: APC service bypass PDU, 120V;
 15 amp with (8) NEMA 5-15R







# **Product Family**

### SKU technical specifications



Output         Output Power Capacity         1350 Watts / 1500 VA           Nominal Output Voltage         120V           Output Voltage Distortion         Less than 2% at full load           Output Frequency (sync to mains)         50/60 Hz +/- 3 Hz (auto sensing)           Waveform Type         Sine wave           Output Connections         (6) NEMA 5-15R           Switched outlet Group         Yes/One           Efficiency at Full Load         >96%           Input         120V           Nominal Input Voltage         120V           Input Frequency         50/60 Hz +/- 3 Hz (auto sensing)           Input Concections         NEMA 5-15P           Input Concections         NEMA 5-15P           Input Concections         NEMA 5-15P           Input Concections         NEMA 5-15P           Input Concections         Reserve Hand 1           Batter Frype         Lithium-Ion (LiFePo4)           Restrictes & Runtime         Please refer to www.apc.com for runtime charts           Communications & Management         Interface Pont(s)           Inerface Pont(s)         Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)           Available NamrStoth         Interface Quantity         1           Control panel         Multi-function LCD status and con		SMTL1500RM3UC
Output Power Capacity         1350 Watts / 1500 VA           Nominal Output Voltage         120V           Output Voltage Distortion         Less than 2% at full load           Output Frequency (sync to mains)         50/60 Hz +/- 3 Hz (auto sensing)           Waveform Type         Sine wave           Output Connections         (6) NEMA 5-15R           Switched outlet Group         Yes/One           Efficiency at Full Load         >96%           Input         120V           Input Syll Frequency         50/60 Hz +/- 3 Hz (auto sensing)           Input Frequency         50/60 Hz +/- 3 Hz (auto sensing)           Input Voltage range for main operations         82 − 144           Batteries & Runtime         Lithium-lon (LIFePo4)           Batteries & Runtime         Please refer to www.apc.com for runtime charts           Communications & Management         Interface Pon(s)           Interface Pon(s)         Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)           Available SmartSlot™ Interface Quantity         1           Control panel         Will-function LCD status and control console           Audible Alarms         Yes           Physical         5.14" x 17.25" x 12"           Neack Height         3U           Net HxWXD         5.14" x 17.64" x 23"	Topology	Line Interactive
Nominal Output Voltage Output Voltage Distortion	Output	
Nominal Output Voltage Output Voltage Distortion	·	1350 Watts / 1500 VA
Output Frequency (sync to mains)         50/60 Hz +/- 3 Hz (auto sensing)           Waveform Type         Sine wave           Output Connections         (8) NEMA 5-15R           Switched outlet Group         Yes/One           Efficiency at Full Load         >96%           Input         120V           Input Frequency         50/60 Hz +/- 3 Hz (auto sensing)           Input Connections         NEMA 5-15P           Input Voltage range for main operations         82 – 144           Batteries & Runtime         Elthium-Ion (LiFePo4)           Battery Type         Lithium-Ion (LiFePo4)           Runtime         Please refer to www.apc.com for runtime charts           Communications & Management         Interface Port(s)           Interface Port(s)         Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)           Available SmartSlot™ Interface Quantity         1           Control panel         Multi-function LCD status and control console           Ves         Physical           Net HxWxD         5.14" x 17.25" x 12"           Rack Height         3U           Net Weight         50lbs           Shipping Weight         50lbs           Shipping Weight         50lbs           Shipping Weight         50lbs <tr< td=""><td>Nominal Output Voltage</td><td></td></tr<>	Nominal Output Voltage	
Output Frequency (sync to mains)         50/60 Hz +/- 3 Hz (auto sensing)           Waveform Type         Sine wave           Output Connections         (8) NEMA 5-15R           Switched outlet Group         Yes/One           Efficiency at Full Load         >96%           Input         120V           Input Voltage         120V           Input Prequency         50/60 Hz +/- 3 Hz (auto sensing)           Input voltage range for main operations         82 – 144           Batteries & Runtime         82 – 144           Batteries & Runtime         Lithium-lon (LiFePo4)           Battery Type         Lithium-lon (LiFePo4)           Runtime         Please refer to www.apc.com for runtime charts           Communications & Management         1           Interface Port(s)         Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)           Available SmartSlot™ Interface Quantity         1           Control panel         Multi-function LCD status and control console           Yes         Physical           Net HxWxD         5.14" x 17.25" x 12"           Rack Height         3           Net Weight         3           Shipping Weight         50lbs           Shipping Weight         50lbs           Shipping W		Less than 2% at full load
Output Connections         (6) NEMA 5-15R           Switched outlet Group         Yes/One           Efficiency at Full Load         >96%           Input         120V           Nominal Input Voltage         120V           Input Frequency         50/60 Hz +/- 3 Hz (auto sensing)           Input Connections         NEMA 5-15P           Input Voltage range for main operations         82 - 144           Batter Switchine           Batter y Type         Lithium-lon (LiFePo4)           Runtime         Please refer to www.apc.com for runtime charts           Communications & Management         1           Interface Port(s)         Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)           Available SmartSlot™ Interface Quantity         1           Control panel         Multi-function LCD status and control console           Audible Alarms         Yes           Physical         3U           Net HxWxD         5.14" x 17.25" x 12"           Rack Height         3U           Net Weight         43 lbs           Shipping Weight         50lbs           Shipping Weight         50lbs           Shipping Phythyc         32 - 104 "F (0 - 40 "C)           Operating Environment         32 - 104 "F (0 -	Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz (auto sensing)
Switched outlet Group         Yes/One           Input         >96%           Input         >96%           Input         >96%           Input Voltage         120V           Input Frequency         50/60 Hz +/· 3 Hz (auto sensing)           Input Connections         NEMA 5-15P           Input voltage range for main operations         82 – 144           Batter Stype         Lithium-lon (LiFePo4)           Battery Type         Lithium-lon (LiFePo4)           Runtime         Please refer to www.apc.com for runtime charts           Communications & Management         Please refer to www.apc.com for runtime charts           Communications & Management         1           Interface Port(s)         Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)           Available SmartSlot™ Interface Quantity         1           Control panel         Multi-function LCD status and control console           Available SmartSlot™ Interface Quantity         Net HxWxD           Sterial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)           Physical         Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)           Net HxWxD         5.14" x 17.25" x 12"           Rack Height         3U           Shipping HxWxD         5.14" x 17.25" x 12"           Colo	Waveform Type	Sine wave
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Nominal Input Voltage         120V           Input Frequency         50/60 Hz +/- 3 Hz (auto sensing)           Input Connections         NEMA 5-15P           Input Voltage range for main operations         82 – 144           Batterjes & Runtime           Battery Type         Lithium-lon (LiFePo4)           Please refer to www.apc.com for runtime charts           Communications & Management           Interface Port(s)         Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)           Available SmartSlot™ Interface Quantity         1           Control panel         Multi-function LCD status and control console           Audible Alarms         Yes           Physical           Net Hwight         3U           Net Weight         3U           Shipping Weight         3U           Shipping HxWxD         11" x 17.64" x 23"           Color         Black [Silver front bezel]           Environmental         32 - 104 °F (0 - 40 °C)           Operating Environment         0 - 95%           Operating Relative Humidity         0 - 95%           Operating Relative Humidity         0 - 95%           Storage Relative Humidity         0 - 95%           Storage Relative Humidity	Efficiency at Full Load	>96%
Nominal Input Voltage         120V           Input Frequency         50/60 Hz +/- 3 Hz (auto sensing)           Input Connections         NEMA 5-15P           Input Voltage range for main operations         82 – 144           Batterjes & Runtime           Battery Type         Lithium-lon (LiFePo4)           Please refer to www.apc.com for runtime charts           Communications & Management           Interface Port(s)         Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)           Available SmartSlot™ Interface Quantity         1           Control panel         Multi-function LCD status and control console           Audible Alarms         Yes           Physical           Net Hwight         3U           Net Weight         3U           Shipping Weight         3U           Shipping HxWxD         11" x 17.64" x 23"           Color         Black [Silver front bezel]           Environmental         32 - 104 °F (0 - 40 °C)           Operating Environment         0 - 95%           Operating Relative Humidity         0 - 95%           Operating Relative Humidity         0 - 95%           Storage Relative Humidity         0 - 95%           Storage Relative Humidity	Input	
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Battery Type  Battery Type  Runtime  Please refer to www.apc.com for runtime charts  Communications & Management Interface Port(s)  Available SmartSlot™ Interface Quantity  Control panel  Audible Alarms  Physical  Net HxWxD  Rack Height  Net Weight  Shipping Weight  Shipping HxWxD  Color  Black [Silver front bezel]  Environmental  Operating Environment  Operating Elevation  Storage Relative Humidity  Operationse Lat 1 meter from surface of unit  Conformance  Regulatory Approvals  Lithium-lon (LiFePo4)  Please refer to www.apc.com for runtime charts  Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)  Audible Alarms  Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)  1 Multi-function LCD status and control console  Audible noise at 1 meter from surface of unit  Lithium-lon (LiFePo4)  Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)  1 Multi-function (LiFePo4)  Multi-function (LiFePo4)  Multi-function (LiFePo4)  Audible noise at 1 meter from surface of unit  Conformance  Regulatory Approvals  Lithium-lon (LiFePo4)  Please refer to www.apc.com for runtime charts  Audible noise at 1 meter from surface of unit  Lithium-lon (LiFepo4)  Please refer to www.apc.com for runtime charts  Audible noise at 1 meter from surface of unit  Conformance  Regulatory Approvals  Lithium-lon (LiFepo4)  Please refer to www.apc.com for runtime charts  Audible noise at 1 meter from surface of unit  Lithium-lon (LiFepo4)  Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)  Audible noise at 1 meter from surface of unit  Contormace  Regulatory Approvals  Lithium-lon (LiFepo4)  Please refer to www.apc.com for runtime charts  Audible noise at 1 meter from Surface of unit  Lithural Audible noise at 1 meter from Surface of unit  Lithural Audible noise at 1 meter from Surface of unit  Lithural Audible noise at 1 meter from Surface of unit	Input Connections	NEMA 5-15P
Battery Type         Lithium-lon (LiFePo4)           Runtime         Please refer to www.apc.com for runtime charts           Communications & Management         Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)           Interface Port(s)         Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)           Available SmartSlot™ Interface Quantity         1           Control panel         Multi-function LCD status and control console           Audible Alarms         Yes           Physical           Net HxWxD         5.14" x 17.25" x 12"           Rack Height         3U           Net Weight         43 lbs           Shipping Weight         50lbs           Shipping HxWxD         11" x 17.64" x 23"           Color         Black [Silver front bezel]           Environmental         32 - 104 °F (0 - 40 °C)           Operating Environment         32 - 104 °F (0 - 40 °C)           Operating Elevation         0 - 95%           Operating Elevation         0 - 100000 feet (0 - 3000 meters)           Storage Elevation         0 - 50000 meters)           Storage Elevation         0 - 50000 meters)           Audible noise at 1 meter from surface of unit         50.0dBA           Conformance           Regulatory Approvals	Input voltage range for main operations	82 – 144
Runtime Please refer to www.apc.com for runtime charts  Communications & Management  Interface Port(s) Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)  Available SmartSlot™ Interface Quantity 1 Control panel Multi-function LCD status and control console  Audible Alarms Yes  Physical  Net HxWxD Shipping Weight 31 Shipping Weight 50lbs  Shipping HxWxD Color Black [Silver front bezel]  Environmental  Operating Environment 32 - 104 °F (0 - 40 °C) Operating Relative Humidity 0 - 95% Operating Elevation 0.10000 feet (0-3000 meters) Storage Relative Humidity 0 - 95% Storage Elevation 0.50000 feet (0-15000 meters) Audible noise at 1 meter from surface of unit  Conformance  Regulatory Approvals  UL 1778, UL 1973, CSA, NOM	Batteries & Runtime	
Communications & Management  Interface Port(s)  Available SmartSlot™ Interface Quantity  Control panel  Audible Alarms  Physical  Net HxWxD  Rack Height  Net Weight  Shipping Weight  Shipping HxWxD  Color  Environmental  Operating Environment  Operating Elevation  Storage Relative Humidity  Storage Elevation  Audible noise at 1 meter from surface of unit  Control panel  Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)  Audible (RJ45)  Multi-function LCD status and control console  Multi-function LCD status and control console  Audible noise at 1 meter from surface of unit  Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)  Audible noise at 1 meter from surface of unit  Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)  Audible noise at 1 meter from surface of unit  Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)  Audible noise at 1 meter from surface of unit  Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)  Audible noise at 1 meter from surface of unit  Conformance  Regulatory Approvals  UL 1778, UL 1973, CSA, NOM	Battery Type	Lithium-Ion (LiFePo4)
Interface Port(s)  Available SmartSlot™ Interface Quantity  Control panel  Audible Alarms  Physical  Net HxWxD  Rack Height  Net Weight  Shipping Weight  Shipping HxWxD  Color  Environmental  Operating Environment  Operating Relative Humidity  Operating Elevation  Storage Relative Humidity  Storage Elevation  Audible noise at 1 meter from surface of unit  Control panel  Multi-function LCD status and control console  Multi-function LCD status and control console  Multi-function LCD status and control console  Yes  Multi-function LCD status and control console  At 17. x 17.25" x 12"  30  Storage Relative Humidity  31  Storage Relative Humidity  32 - 104 °F (0 - 40 °C)  Operating Elevation  O-10000 feet (0-3000 meters)  Storage Relative Humidity  O-95%  Storage Elevation  O-50000 feet (0-15000 meters)  Audible noise at 1 meter from surface of unit  Conformance  Regulatory Approvals  UL 1778, UL 1973, CSA, NOM	Runtime	Please refer to www.apc.com for runtime charts
Interface Port(s)  Available SmartSlot™ Interface Quantity  Control panel  Audible Alarms  Physical  Net HxWxD  Rack Height  Net Weight  Shipping Weight  Shipping HxWxD  Color  Environmental  Operating Environment  Operating Relative Humidity  Operating Elevation  Storage Relative Humidity  Storage Elevation  Audible noise at 1 meter from surface of unit  Control panel  Multi-function LCD status and control console  Multi-function LCD status and control console  Multi-function LCD status and control console  Yes  Multi-function LCD status and control console  At 17. x 17.25" x 12"  30  Storage Relative Humidity  31  Storage Relative Humidity  32 - 104 °F (0 - 40 °C)  Operating Elevation  O-10000 feet (0-3000 meters)  Storage Relative Humidity  O-95%  Storage Elevation  O-50000 feet (0-15000 meters)  Audible noise at 1 meter from surface of unit  Conformance  Regulatory Approvals  UL 1778, UL 1973, CSA, NOM	Communications & Management	
Available SmartSlot™ Interface Quantity  Control panel Audible Alarms  Physical  Net HxWxD  Rack Height  Net Weight  Shipping Weight  Shipping HxWxD  Color  Black [Silver front bezel]  Environmental  Operating Environment  Operating Elevation  Operating Elevation  Storage Relative Humidity  Octored  Storage Elevation  Audible noise at 1 meter from surface of unit  Conformance  Regulatory Approvals  Multi-function LCD status and control console  Multi-function Letus and control console  Multi-function LCD status and control console  Multi-function Letus and control console  Multi-function Letus and control console  Multi-functio	Interface Port(s)	Serial (RJ45), Smart-Slot, USB, APC SmartConnect (RJ45)
Audible Alarms         Yes           Physical         5.14" x 17.25" x 12"           Net HxWxD         5.14" x 17.25" x 12"           Rack Height         3U           Net Weight         50lbs           Shipping Weight         50lbs           Shipping HxWxD         11" x 17.64" x 23"           Color         Black [Silver front bezel]           Environmental         32 - 104 °F (0 - 40 °C)           Operating Environment         32 - 104 °F (0 - 40 °C)           Operating Relative Humidity         0 - 95%           Operating Elevation         0-10000 feet (0-3000 meters)           Storage Temperature         -15 to 45 °C (-30 to 70°C without batteries)           Storage Relative Humidity         0 - 95%           Storage Elevation         0-50000 feet (0-15000 meters)           Audible noise at 1 meter from surface of unit         50.0dBA           Conformance         Regulatory Approvals         UL 1778, UL 1973, CSA, NOM	Available SmartSlot™ Interface Quantity	
Physical           Net HxWxD         5.14" x 17.25" x 12"           Rack Height         3U           Net Weight         43 lbs           Shipping Weight         50lbs           Shipping HxWxD         11" x 17.64" x 23"           Color         Black [Silver front bezel]           Environmental         32 - 104 °F (0 - 40 °C)           Operating Environment         32 - 104 °F (0 - 40 °C)           Operating Relative Humidity         0 - 95%           Operating Elevation         0-10000 feet (0-3000 meters)           Storage Temperature         -15 to 45 °C (-30 to 70°C without batteries)           Storage Relative Humidity         0 - 95%           Storage Elevation         0-50000 feet (0-15000 meters)           Audible noise at 1 meter from surface of unit         50.0dBA           Conformance         Regulatory Approvals         UL 1778, UL 1973, CSA, NOM	Control panel	Multi-function LCD status and control console
Net HxWxD       5.14" x 17.25" x 12"         Rack Height       3U         Net Weight       43 lbs         Shipping Weight       50lbs         Shipping HxWxD       11" x 17.64" x 23"         Color       Black [Silver front bezel]         Environmental       32 - 104 °F (0 - 40 °C)         Operating Environment       32 - 104 °F (0 - 40 °C)         Operating Relative Humidity       0 - 95%         Operating Elevation       0-10000 feet (0-3000 meters)         Storage Temperature       -15 to 45 °C (-30 to 70°C without batteries)         Storage Elevation       0-50000 feet (0-15000 meters)         Audible noise at 1 meter from surface of unit       50.0dBA         Conformance         Regulatory Approvals       UL 1778, UL 1973, CSA, NOM	Audible Alarms	Yes
Net HxWxD       5.14" x 17.25" x 12"         Rack Height       3U         Net Weight       43 lbs         Shipping Weight       50lbs         Shipping HxWxD       11" x 17.64" x 23"         Color       Black [Silver front bezel]         Environmental       32 - 104 °F (0 - 40 °C)         Operating Environment       32 - 104 °F (0 - 40 °C)         Operating Relative Humidity       0 - 95%         Operating Elevation       0-10000 feet (0-3000 meters)         Storage Temperature       -15 to 45 °C (-30 to 70°C without batteries)         Storage Elevation       0-50000 feet (0-15000 meters)         Audible noise at 1 meter from surface of unit       50.0dBA         Conformance         Regulatory Approvals       UL 1778, UL 1973, CSA, NOM	Physical	
Net Weight 43 lbs Shipping Weight 50lbs Shipping HxWxD 11" x 17.64" x 23" Color Black [Silver front bezel]  Environmental Operating Environment 32 - 104 °F (0 - 40 °C) Operating Relative Humidity 0 - 95% Operating Elevation 0-10000 feet (0-3000 meters) Storage Temperature -15 to 45 °C (-30 to 70°C without batteries) Storage Relative Humidity 0 - 95% Storage Relative Humidity 0 - 95% Storage Elevation 0-50000 feet (0-15000 meters) Audible noise at 1 meter from surface of unit 50.0dBA  Conformance Regulatory Approvals UL 1778, UL 1973, CSA, NOM	Net HxWxD	5.14" x 17.25" x 12"
Net Weight       43 lbs         Shipping Weight       50lbs         Shipping HxWxD       11" x 17.64" x 23"         Color       Black [Silver front bezel]         Environmental       Operating Environment         Operating Relative Humidity       0 - 95%         Operating Elevation       0-10000 feet (0-3000 meters)         Storage Temperature       -15 to 45 °C (-30 to 70°C without batteries)         Storage Relative Humidity       0 - 95%         Storage Elevation       0-50000 feet (0-15000 meters)         Audible noise at 1 meter from surface of unit       50.0dBA         Conformance         Regulatory Approvals       UL 1778, UL 1973, CSA, NOM	Rack Height	3U
Shipping Weight         50lbs           Shipping HxWxD         11" x 17.64" x 23"           Color         Black [Silver front bezel]           Environmental	Net Weight	43 lbs
Shipping HxWxD         11" x 17.64" x 23"           Color         Black [Silver front bezel]           Environmental           Operating Environment         32 - 104 °F (0 - 40 °C)           Operating Relative Humidity         0 - 95%           Operating Elevation         0-10000 feet (0-3000 meters)           Storage Temperature         -15 to 45 °C (-30 to 70°C without batteries)           Storage Relative Humidity         0 - 95%           Storage Elevation         0-50000 feet (0-15000 meters)           Audible noise at 1 meter from surface of unit         50.0dBA           Conformance         UL 1778, UL 1973, CSA, NOM		50lbs
Environmental  Operating Environment  32 - 104 °F (0 - 40 °C)  Operating Relative Humidity  0 - 95%  Operating Elevation  Storage Temperature  5torage Relative Humidity  0 - 95%  Storage Relative Humidity  0 - 95%  Storage Elevation  O-50000 feet (0-15000 meters)  Audible noise at 1 meter from surface of unit  Conformance  Regulatory Approvals  UL 1778, UL 1973, CSA, NOM	Shipping HxWxD	11" x 17.64" x 23"
Operating Environment 32 - 104 °F (0 - 40 °C) Operating Relative Humidity 0 - 95% Operating Elevation 0-10000 feet (0-3000 meters) Storage Temperature -15 to 45 °C (-30 to 70°C without batteries) Storage Relative Humidity 0 - 95% Storage Elevation 0-50000 feet (0-15000 meters) Audible noise at 1 meter from surface of unit 50.0dBA  Conformance Regulatory Approvals UL 1778, UL 1973, CSA, NOM	Color	Black [Silver front bezel]
Operating Relative Humidity  Operating Elevation  Operating Elevation  Storage Temperature  Storage Relative Humidity  O - 95%  O-10000 feet (0-3000 meters)  -15 to 45 °C (-30 to 70°C without batteries)  O - 95%  Storage Elevation  O-50000 feet (0-15000 meters)  Audible noise at 1 meter from surface of unit  Conformance  Regulatory Approvals  UL 1778, UL 1973, CSA, NOM	Environmental	
Operating Relative Humidity Operating Elevation Operating Elevation Storage Temperature Storage Relative Humidity O - 95% Operating Elevation O-10000 feet (0-3000 meters) -15 to 45 °C (-30 to 70°C without batteries) O - 95% Storage Relative Humidity O - 95% Storage Elevation O-50000 feet (0-15000 meters) Audible noise at 1 meter from surface of unit  Conformance Regulatory Approvals UL 1778, UL 1973, CSA, NOM	Operating Environment	32 - 104 °F (0 - 40 °C)
Storage Temperature -15 to 45 °C (-30 to 70°C without batteries) Storage Relative Humidity 0 - 95% Storage Elevation Audible noise at 1 meter from surface of unit  Conformance Regulatory Approvals  -15 to 45 °C (-30 to 70°C without batteries)  0 - 95%  UL 17000 meters)  UL 1778, UL 1973, CSA, NOM	Operating Relative Humidity	
Storage Relative Humidity 0 - 95% Storage Elevation 0-50000 feet (0-15000 meters) Audible noise at 1 meter from surface of unit 50.0dBA  Conformance Regulatory Approvals UL 1778, UL 1973, CSA, NOM	Operating Elevation	0-10000 feet (0-3000 meters)
Storage Elevation  Audible noise at 1 meter from surface of unit  Conformance  Regulatory Approvals  0-50000 feet (0-15000 meters) 50.0dBA  UL 1778, UL 1973, CSA, NOM	Storage Temperature	-15 to 45 °C (-30 to 70°C without batteries)
Audible noise at 1 meter from surface of unit 50.0dBA  Conformance  Regulatory Approvals  UL 1778, UL 1973, CSA, NOM	Storage Relative Humidity	
Audible noise at 1 meter from surface of unit 50.0dBA  Conformance  Regulatory Approvals  UL 1778, UL 1973, CSA, NOM	Storage Elevation	0-50000 feet (0-15000 meters)
Regulatory Approvals UL 1778, UL 1973, CSA, NOM	Audible noise at 1 meter from surface of unit	
	Conformance	
	Regulatory Approvals	UL 1778, UL 1973, CSA, NOM
	Standard Warranty	

