Lowndes County School District uses Aruba CX switches, Aruba wireless access points, controllers, and software managing and monitoring. Any switch model proposed would have to work 100% guaranteed in an existing Aruba VSF stack and be compatible with Aruba NetEdit software application, Aruba Central, and CX Mobile App. Any wireless access point would have to work 100% guaranteed with our existing Aruba Mobility Conductor (8.9x) infrastructure and Aruba Central.

Switch Specifications

48 port Class 4 PoE Switch

48x ports 10/100/1000BaseT PoE+ Ports supporting up to 30W per port 1G/10G/25G/50G1 SFP ports Supports PoE Standards IEEE 802.3af, 802.3at 1x USB-C Console Port 1x OOBM port 1x USB Type A Host port 1x Bluetooth dongle to be used with CX Mobile App, Internal (fixed) power supply (950W) Max PoE Power: 720W, Fixed fans, dimensions {(H) 4.39 cm x (W) 44.2 cm x (D) 32.7 cm (1.73" x 17.4" x 12.9"), Quad Core ARM Cortex A72 @ 1.8GHz, 8GB DDR4 RAM, 32GB eMMC Flash, 8MB Packet Buffer Memory

Stackable Layer 3 switches with BGP, EVPN, VXLAN, VRF, and OSPF with robust security and QoS
• High performance 880 Gbps system switching capacity, 660 MPPS of system throughput and up to 200 Gbps stacking bandwidth
• Power-to-port switch bundle with back-to-front airflow ideal for data center 1GbE ToR and OOBM deployments
• Built-in high speed 1/10/25/50GbE uplinks1
• 50GbE connectivity with 50GbE DACs1
• Intelligent monitoring, visibility, and remediation with Aruba Network Analytics Engine
• Manage via single pane of glass with Aruba Central across wired, wireless, and WAN

48 port Class 6 PoE Switch

48x ports Smart Rate 100M/1G/2.5G5/5G/5G Baste T Class 6 PoE Ports supporting up to 60W per port, 4 x 1G/10G/25G SFP ports, Supports PoE Standards IEEE 802.3af and 802.3bt (up to 60W), 1x USB-C Console Port 1x OOBM port 1x USB Type A Host port 1x Bluetooth dongle to be used with CX Mobile App, dimensions {(H) 4.4 cm x (W) 44.2 cm x (D) 38.5 cm (1.73" x 17.4" x 15.2"), Quad Core ARM Cortex A72 @ 1.8GHz, 8GB DDR4 RAM, 32GB eMMC Flash, 8MB Packet Buffer Memory, 2 field replaceable hot swappable power supply slots, 54VDC 1050W 110V-240 VAC Power Supply

Stackable Layer 3 switches with BGP, EVPN, VXLAN, VRF, and OSPF with robust security and QoS
• High performance 880 Gbps system switching capacity, 660 MPPS of system throughput and up to 200 Gbps stacking bandwidth
• Power-to-port switch bundle with back-to-front airflow ideal for data center 1GbE ToR and OOBM deployments
• Built-in high speed 1/10/25/50GbE uplinks1
• 50GbE connectivity with 50GbE DACs1
• Intelligent monitoring, visibility, and remediation with Aruba Network Analytics Engine
• Manage via single pane of glass with Aruba Central across wired, wireless, and WAN

12 port (8 port Class 4 PoE and 4 port Class 6 PoE) Ruggedized Switch

4x ports 100M/1G BaseT Class 6 PoE Ports supporting up to 60W per port, 8x ports 100M/1G BaseT Class 4 PoE supporting up to 30W per port, 2x 1/10G SFP ports, Supporting PoE Standards IEEE 802.3af, 802.3at 1x USB-C Console Port, 2x DC power socket, Fanless, dimensions {(H) 160mm x (W) 113mm x (D) 169.9mm), Dual Core ARM Cortex A9 @ 1016MHz, 4GB DDR4 RAM, 32GB eMMC Flash,12.38MB Packet Buffer Memory, 54VDC 240W 100-240VAC DIN Power Supply, DIN Rail 3RU 19" Rack Mount Kit

• Ruggedized IP30 series brings enterprise-class Ethernet Layer 2 connectivity with support for ACLs, robust QoS and static routing to non-carpeted areas
• Operational in extended temperatures from -40ºC to +70ºC using Aruba's industrial transceivers

- Versatile form factors deliver both 30W and 60W PoE to optimize IoT power
- Built-in high-speed 1/10GbE uplinks for demanding applications
- Robust protection for sub-station applications and high tolerances for railway rolling stock, signaling and telecommunications
- Secure and simple access for IoT and users with Aruba Dynamic Segmentation
- Management flexibility with support for Aruba Central, easy-to-use Web GUI, CLI, and Aruba NetEdit
- Software defined ready with REST APIs
- No switch software licensing required

Wireless Access Point Specifications

802.11ax Wireless Access Point

3 WiFi radios, 1024-QAM modulation, 2.4GHz and 5GHzand 6GHz supported bandwidths, 802.11ax Wi-Fi generation, 4x4:4 radio MIMO type,Downtilt omni integrated antenna, 2 x 5GE network interfaces, 5.0 BLE radio, plenum rated, lifetime warranty, integrates with Aruba Central or Aruba Mobility Conductor, mount kit, peak combined datarate (20/80/160) is 7,779Mbps

802.11ax Wireless Access Point

3 WiFi radios, 1024-QAM modulation, 2.4GHz and 5GHzand 6GHz supported bandwidths, 802.11ax Wi-Fi generation, x2x:2 radio MIMO type, Downtilt omni integrated antenna, 2 x 2.5GE network interfaces, 5.0 BLE radio, plenum rated, lifetime warranty, integrates with Aruba Central or Aruba Mobility Conductor, mount kit, certified to work with minimum AOS software version 8.9.0.0, max PoE power consumption 23.8W, peak combined datarate (20/80/160) is 3,890Mbps

Cloud Services for managing and monitoring

Onboarding, configuring, and provisioning network devices is a key activity in any environment, but can be time-consuming and complex. Accelerates this process with an easy setup wizard, flexible configuration options, and zero touch provisioning, further aided by an intuitive mobile installer app. 5 Years of subscription and support.

Additional Monitoring Capabilities
Detailed health and analytics dashboards are also available to monitor:

Network health and assurance: Gain broad visibility into network-wide performance, and drill-in to specific sites with summaries of device utilization, configuration compliance, and other statistics.
Application visibility: Monitor application health across the network, ensuring critical services receive priority traffic while tracking and enforcing acceptable usage by site, device, or location.
UCC analytics: A consolidated view of how VoIP applications are performing with mean opinion scores (MOS) and insights into potential RF performance and capacity issues.
Client health: Delivers a multitude of details on devices connected to the network, including insights into client performance, connectivity status, physical location, and the data path.
AI-based connectivity insights: Automatically identify potential Wi-Fi connectivity issues tied to DHCP, DNS, authentication failures, and more

Zero Touch Provisioning
Zero touch provisioning provides a simple, intuitive workflow for setting up APs, switches, and gateways – no onsite IT involvement required. Configuration parameters can be defined within the cloud application based on network- or sites-specific requirements. To get

started, simply plug in and power on a device. As the device boots up, it connects to Aruba Central and automatically receives its running configuration from the cloud.

Built-in Troubleshooting Tools

Troubleshooting capabilities include live events, packet capture, logs, and rich command line tools. Diagnostic checks such as ping tests and traceroutes are also available, as are device-level performance tests for Aruba infrastructure.

Robust Reporting

Provides premium-grade reporting features that are included as part of the base license subscriptions. Reports cover device connectivity, network health, capacity planning, and the ability to baseline and compare user experience across various sites in the network. A reporting wizard is also provided to generate scheduled and on-demand reports that highlight network and application health, throughput and usage data, device and client inventory, activity auditing, and much more.

Live Upgrades

Upgrading firmware on network devices often results in downtime or loss of service. In such cases, IT organizations often rely on time-consuming, CLI-based processes, or must place calls to customer support to help initiate upgrades.

Offers a radically simplistic approach with a GUI-based workflow to upgrade firmware on deployed network devices. This includes the ability to complete live upgrades to reduce maintenance windows and ensure continuous operations. Upgrades can be completed at the site level, and can also be scheduled during non-peak hours of operation. Lastly, rules governing firmware compliance can also be managed within the Aruba Central UI for all managed devices.

- Unified management of wireless, wired, VPN, and SD-WAN for simplified operations
- AI-based insights for faster troubleshooting and continuous network optimization
- Integration with Aruba UXI to proactively monitor and improve the end-user experience
- Intent-based policy engine and access controls to strengthen and simplify security at scale
- Inline client profiling and telemetry to close visibility gaps associated with IoT
- Powerful monitoring and troubleshooting for remote or home office networks
- APIs and webhooks to augment the value of other leading IT platforms in your environment
- Live Chat and an AI-based search engine for an enhanced support experience
- SaaS, on-premises, and managed service options for flexible consumption and financing

Lowndes County School District uses Fortinet FortiGate firewalls and software. Any firewall model proposed would have to work 100% guaranteed in an existing FortiGates Security Fabric and be compatible with Fortinet FortiManager and FortiAnalyzer for management and integration.

Firewall Specifications

10.5Gbps Threat Protection Firewall

2x GE RJ45 MGMT/HA ports, 16x GE RJ45 Slots, 8x GE SFP Slots, 4x 10GE/GE SFP+/SFP Slots, 4x 25GE SFP28/SFP+ Ultra Low Latency Slots, 14Gbps IPS Throughput, 11.5 Gbps NGFW Throughput, 10.5Gbps Threat Protection Throughput, 9Gbps SSL Inspection Throughput, SPU N7 and CP9 hardware accelerated, dual AC power supplies, 169W/255W AC Power Consumption, 25GE SFP28 Transceiver Module, Long Range. 5 Years of subscription and support for Unified Threat Protection, 24x7 premium RMA, and warranty.

Unified Threat Protection (UTP) (IPS, Advanced Malware Protection, Application Control, URL, DNS & Video Filtering, Antispam Service, and FortiCare Premium)

Battery Backup Specifications

Line Interactive, 1000VA, Lithium-ion, Rack/Tower, 2U, 120V, 6x NEMA 5-15R outlets, SmartConnect Port+SmartSlot, Short Depth, AVR, LCD

Overview
Lead time Usually in Stock
Main
Main Input Voltage 120 V
Main Output Voltage 120 V
Kw Rating 800 W
Rated power in VA 1000 VA
Input Connection Type NEMA 5-15P
Output connection type 6 NEMA 5-15R
Number of rack unit 2U
Cable length 8 ft (2.44 m)
Number of cables 1
Battery Type Li-Ion (Lithium Ion)
Provided equipment Installation guide
Rack Mounting support rails
USB cable
General
**Number of power module filled
slots**
0
**Number of power module free
slots**
0
Product web sub-family Lithium Ion
Redundant No
Physical
Color Black
Height 3.39 in (8.6 cm)
Width 17.24 in (43.8 cm)
Depth 12.52 in (31.8 cm)
Net Weight 36.00 lb(US) (16.33 kg)

Mounting Location Front
Mounting preference Lower
Mounting Mode Rack-mounted
Two post mountable 1
USB compatible Yes
Input
Efficiency at full load 75...154 V adjustable
82...144 V
Input Frequency 50/60 Hz +/- 3 Hz auto-sensing
Output
Harmonic distortion Less than 5%
**Maximum configurable power in
VA**
1000 VA
Max Configurable Power (Watts) 800 W
Transfer Time 6ms typical : 10ms maximum
Topology Line Interactive
Waveform Type Sine wave
Output frequency 50/60 Hz +/- 3 Hz sync to mains

Conformance
Product Certifications NOM
Equipment protection policy Lifetime : $150000
Environmental
Acoustic level 41 dBA
Heat dissipation 70 Btu/h
Operating altitude 0...10000 ft
Ambient Air Temperature for
Operation
32...104 °F (0...40 °C)
Ambient Air Temperature for
Storage
-40...95 °F (-40...35 °C)
Storage altitude 0...25000 ft (0.00...7620.00 m)
Relative Humidity 0...95 % non-condensing
Storage Relative Humidity 0...95 % non-condensing
Batteries & Runtime
Extendable Run Time 0
Included Battery Modules 0
Battery Slots Empty 0
Typical recharge time 3 h
Battery design life 5...10 year(s)
Battery life 5...10 year(s)
Battery power in VAH 239 VAh runtime
Battery Charge Power (Watts) 79 W rated
Communications & Management
Alarm Alarm when on battery : distinctive low battery alarm : configurable delays
Control panel Multi-function LCD status and control console
Free slots 1
Alarm when on battery : distinctive low battery alarm : configurable delays
Surge Protection and Filtering
Surge energy rating 680 J
Filtering Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
Ordering and shipping details
GTIN 731304341987
Packing Units
Unit Type of Package 1 PCE
Number of Units in Package 1 1
Package 1 Height 9.02 in (22.9 cm)
Package 1 Width 18.58 in (47.2 cm)
Package 1 Length 22.99 in (58.4 cm)
Package 1 Weight 41.01 lb(US) (18.6 kg)
Offer Sustainability
Sustainable offer status Green Premium product
REACh Regulation REACh Declaration
EU RoHS Directive Compliant
EU RoHS Declaration
Mercury free Yes
RoHS exemption information Yes
Environmental Disclosure Product Environmental Profile
Circularity Profile End of Life Information
Optimized Energy Efficiency Energy efficient product
Take-back Take-back program available
Contractual warranty
Warranty 5 year repair or replace
Recommended replacement(s)

2200VA,120V 1U, with Lithium-Ion Battery, with Network Management Card Embedded

Main
Main Input Voltage 120 V
125 V
Other Input Voltage 120 V
125 V
Main Output Voltage 120 V
Other Output Voltage 120 V
125 V
Rated power in W 2200 W
Rated power in VA 2200 VA
Input Connection Type NEMA 5-20P
Output connection type 3 NEMA 5-20R
1 NEMA L5-20R
Number of rack unit 1U
Cable length 2.44 m
Number of cables 1
Battery type Li-Ion (Lithium-Ion)
Provided equipment RJ45 cable
USB cable
Country-specific detachable power cord
Rack mounting brackets
Rack mounting support rails
Installation guide
Warranty card
General
Redundant No
Physical
Colour Silver grey
Height 43 mm
Width 432 mm
Depth 560 mm
Net weight 15.9 kg
Mounting preference No preference
Mounting mode Rack-mounted with kit
Tower-mounted with kit

Two post mountable 1
USB compatible Yes
Input
Network frequency 50/60 Hz
Output
Maximum configurable power in
W
2200 W
Output frequency 50/60 Hz +/- 3 Hz sync to mains
Crest factor 3 : 1
UPS type On-Line
Wave type Sine wave
Bypass type Internal bypass (automatic and manual)
Maximum configurable power in
VA
2200 VA
Conformance

Product certifications UL/cUL listed
FCC
Standards UL 1778
CSA C22.2 No 107.3-05
FCC part 15 class A
Environmental
Ambient air temperature for operation
0...40 °C
Relative humidity 0...95 % non-condensing
Operating altitude 0...10000 ft
Ambient air temperature for storage
-15...45 °C
Storage Relative Humidity 0...95 % non-condensing
Storage altitude 0.00...15240.00 m
Acoustic level 55 dB
IP degree of protection IP20
Batteries & Runtime
Battery recharge time 1.5 h
Battery voltage 50 V
Battery charger power 448 W
Battery power in VAH 312 VAh runtime
Battery option SRTL50RMBP1U-LI 1 1452 VAh
SRTL50RMBP1U-LI 2 2592 VAh
SRTL50RMBP1U-LI 3 3732 VAh
SRTL50RMBP1U-LI 4 4872 VAh
SRTL50RMBP1U-LI 5 6012 VAh
Extended runtime 1
Replacement battery APCRBC173-LI

Communications & Management
Control panel Multifunction LCD status and control console
Alarm Audible and visible alarms : prioritized by severity
Emergency power off Yes
Packing Units
Unit Type of Package 1 PCE
Number of Units in Package 1 1
Package 1 Height 278.2 mm
Package 1 Width 564 mm
Package 1 Length 764 mm
Package 1 Weight 24.18 kg
Offer Sustainability
REACh Regulation REACh Declaration
EU RoHS Directive Compliant
EU RoHS Declaration
Mercury free Yes
RoHS exemption information Yes
China RoHS Regulation China RoHS declaration
Product out of China RoHS scope. Substance declaration for your information
WEEE The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Contractual warranty
Warranty 5 years repair or replace
Recommended replacement(s

5kVA,Lithium-ion, Rackmount 2U,208/240V, 2x L6-20R + 2x L6-30R NEMA outlets, Network Card,Extended runtime, W/ rail kit

Main
Main Input Voltage 208 V
Other Input Voltage 240 V
Main Output Voltage 208 V
Other Output Voltage 240 V
Kw Rating 4900 W
Rated power in VA 4900 VA
Input Connection Type NEMA L6-30P
Output connection type 2 NEMA L6-20R
2 NEMA L6-30R
Number of rack unit 2U
Cable length 10 ft (3.05 m)
Number of cables 1
Battery Type Li-Ion (Lithium Ion)
Provided equipment 1 CD (software and documentation)
Network cable
Rack Mounting brackets
General
Product web sub-family High density
Number of power module free
slots
0
Number of power module filled
slots
0
Redundant No
Physical
Color Black
Height 3.39 in (86 mm)
Width 17.01 in (432 mm)
Depth 27.60 in (701 mm)
Net Weight 64.38 lb(US) (29.2 kg)
Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications
Jan

Mounting Location Front
Mounting preference No preference
Mounting Mode Rack-mounted
Two post mountable 0
USB compatible No
Mounting position Horizontal
Vertical
Input
Input Frequency 40 - 70 Hz auto-sensing
Efficiency at full load 180...275 V adjustable (half load)
Output
Max Configurable Power (Watts) 4900 W
Harmonic distortion Less than 2%
Output frequency 50/60 Hz +/- 3 Hz sync to mains

Crest factor 3 : 1
Topology Double Conversion Online
Waveform Type Sine wave
Bypass type Internal Bypass (Automatic and Manual)
Full load runtime 00:05:00 4900 W
Half load runtime 00:12:00 2450 W
Maximum configurable power in
VA
4900 VA
Conformance
Product Certifications ENERGY STAR V2.0 (USA)
Environmental
Ambient Air Temperature for
Operation
32...104 °F (0...40 °C)
Relative Humidity 0...95 % non-condensing
Operating altitude 0...10000 ft
Ambient Air Temperature for
Storage
5...113 °F (-15...45 °C)
Storage Relative Humidity 0...95 % non-condensing
Storage altitude 0...50000 ft (0.00...15240.00 m)
Acoustic level 55 dBA
Heat dissipation 1047 Btu/h
IP degree of protection IP20
Batteries & Runtime
Included Battery Modules 0
Battery Slots Empty 0
Typical recharge time 1.5 h
RBC Quantity 1

Battery Voltage 180 V
Battery Charge Power (Watts) 600 W rated
Battery power in VAH 640 VAh runtime
Battery life 5...10 year(s)
Battery option SRTL180RM2UBP 1 1920 VAh
SRTL180RM2UBP 2 3200 VAh
SRTL180RM2UBP 3 4488 VAh
SRTL180RM2UBP 4 5760 VAh
SRTL180RM2UBP 5 6936 VAh
SRTL180RM2UBP 6 8256 VAh
SRTL180RM2UBP 7 9504 VAh
SRTL180RM2UBP 8 10771 VAh
SRTL180RM2UBP 9 12020 VAh
SRTL180RM2UBP 10 13200 VAh
Extendable Run Time 1
Communications & Management
Free slots 0
Alarm Audible and visible alarms : prioritized by severity
Emergency Power Off (EPO) Yes
Surge Protection and Filtering
Surge energy rating 1260 J
Ordering and shipping details
GTIN 731304435730
Packing Units
Unit Type of Package 1 PCE
Number of Units in Package 1 4
Package 1 Height 15.43 in (39.2 cm)
Package 1 Width 23.03 in (58.5 cm)

Package 1 Length 38.74 in (98.4 cm)
Package 1 Weight 84.88 lb(US) (38.5 kg)
SCC14 10731304435730
Offer Sustainability
REACh Regulation REACh Declaration
EU RoHS Directive Compliant
EU RoHS Declaration
Mercury free Yes
RoHS exemption information Yes
China RoHS Regulation China RoHS declaration
Product out of China RoHS scope. Substance declaration for your information.
WEEE The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Contractual warranty
Warranty 5 years
Recommended replacement(s)

Step-Down Transformer, 5kVA, rackmount, 2U, 12x NEMA 5-20R outlets

Overview
Lead time Usually in Stock
Main
Main Input Voltage 208 V
Main Output Voltage 120 V
Input Connection Type NEMA L6-30P
Number of rack unit 2U
Number of cables 1
Provided Equipment Mounting Hardware
Rack Mounting brackets
User Manual
Warranty card
Physical
Color Black
Height 3.50 in (8.9 cm)
Width 17.01 in (43.2 cm)
Depth 25.08 in (63.7 cm)
Net Weight 95.00 lb(US) (43.09 kg)
Mounting Location Front
Mounting preference No preference
Mounting Mode Rack-mounted
Mounting position Horizontal
Input
Max line current 24 A
Input current limits 30 A
Load Capacity 5000 VA
Output
Maximum Total Current Draw
per Phase
24 A
Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications
Number of power socket outlets 12
Number of power socket outlets 12 NEMA 5-20R
Conformance
Product Certifications CSA

Standards UL 1778
Environmental
Ambient Air Temperature for
Operation
32...104 °F (0...40 °C)
Relative Humidity 0...95 % non-condensing
Operating altitude 0...10000 ft
Ambient Air Temperature for
Storage
5...113 °F (-15...45 °C)
Storage Relative Humidity 0...95 % non-condensing
Storage altitude 0...50000 ft (0.00...15240.00 m)
Ordering and shipping details
GTIN 731304318866
Packing Units
Unit Type of Package 1 PCE
Number of Units in Package 1 1
Package 1 Height 10.00 in (25.4 cm)
Package 1 Width 37.48 in (95.2 cm)
Package 1 Length 24.49 in (62.2 cm)
Package 1 Weight 110.01 lb(US) (49.9 kg)
Offer Sustainability
Sustainable offer status Green Premium product
REACh Regulation REACh Declaration
EU RoHS Directive Compliant
EU RoHS Declaration
Mercury free Yes
RoHS exemption information Yes
WEEE The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Take-back Take-back program available
Contractual warranty
Warranty 2 years repair or replace
Recommended replacement(s)
2

Lithium ion XBP 180V 2U Rack/Tower

Main
Number of rack unit 2U
Provided Equipment Rack Mounting brackets
Vertical mounting brackets
Physical
Color Silver grey
Height 3.39 in (86 mm)
Width 17.01 in (432 mm)
Depth 28.50 in (724 mm)
Net Weight 71.43 lb(US) (32.4 kg)
Mounting Mode Rack-mounted with kit
Tower-mounted with kit
Conformance
Product Certifications UL 1973
Environmental
Ambient Air Temperature for
Operation
32...104 °F (0...40 °C)

Operating altitude 0...10000 ft
Relative Humidity 0...95 % non-condensing
Ambient Air Temperature for
Storage
5...113 °F (-15...45 °C)
Storage altitude 0...50000 ft (0.00...15240.00 m)
Storage Relative Humidity Non-condensing 0...95 %
Batteries & Runtime
Battery Slots Empty 0
Included Battery Modules 0
Battery Voltage 180 V
Replacement battery SRYLBM

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications
Ordering and shipping details
GTIN 731304437024
Packing Units
Unit Type of Package 1 PCE
Number of Units in Package 1 4
Package 1 Height 15.43 in (39.2 cm)
Package 1 Width 23.03 in (58.5 cm)
Package 1 Length 38.74 in (98.4 cm)
Package 1 Weight 92.59 lb(US) (42 kg)
SCC14 10731304437024
Offer Sustainability
REACh Regulation REACh Declaration
EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope)
EU RoHS Declaration
Mercury free Yes
RoHS exemption information Yes
China RoHS Regulation China RoHS declaration
Product out of China RoHS scope. Substance declaration for your information.
Contractual warranty
Warranty 5 years
Recommended replacement(s)

Lithium-Ion Battery Pack 1U

Overview
Lead time Usually in Stock
Main
Number of rack unit 1U
Battery Type Li-Ion (Lithium Ion)
Provided Equipment Rack Mounting brackets
Vertical mounting brackets
Physical
Color Silver grey
Height 1.69 in (43 mm)
Width 17.01 in (432 mm)
Depth 22.05 in (560 mm)
Net Weight 42.99 lb(US) (19.5 kg)
Mounting Mode Rack-mounted with kit
Tower-mounted with kit
Environmental
Ambient Air Temperature for
Operation

32…104 °F (0…40 °C)
Operating altitude 0…10000 ft
Relative Humidity 0…95 % non-condensing
Ambient Air Temperature for
Storage
5…113 °F (-15…45 °C)
Storage altitude 0…50000 ft (0.00…15240.00 m)
Storage Relative Humidity Non-condensing 0…95 %
Batteries & Runtime
Battery Slots Empty 0
Included Battery Modules 0
Battery Voltage 50 V
Replacement battery APCRBC173-LI

Ordering and shipping details
GTIN 731304414377
Packing Units
Unit Type of Package 1 PCE
Number of Units in Package 1 1
Package 1 Height 7.80 in (198 mm)
Package 1 Width 22.20 in (564 mm)
Package 1 Length 30.08 in (764 mm)
Package 1 Weight 54 lb(US) (24.49 kg)
Offer Sustainability
REACh Regulation REACh Declaration
EU RoHS Directive Compliant
EU RoHS Declaration
Mercury free Yes
RoHS exemption information Yes
China RoHS Regulation China RoHS declaration
WEEE The product must be disposed on European Union markets following specific waste collection and
never end up in rubbish bins.
Contractual warranty
Warranty 5 years
Recommended replacement(s)

3kVA, Rack/tower convertible 4U, 100V-127V, 6x 5-15R+3x 5-20R +1x L5-30R NEMA, NMC, Extended
runtime, Short depth

Overview
Presentation Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS for
servers, point-of-sale, routers, switches, hubs and other network devices.
Lead time Usually Ships within 2 Weeks
Main
Main Input Voltage 120 V
Other Input Voltage 100 V
110 V
127 V
Main Output Voltage 120 V
Other Output Voltage 100 V
110 V
127 V
Kw Rating 2700 W

Rated power in VA 2880 VA
Input Connection Type NEMA L5-30P
Output connection type 6 NEMA 5-15R
3 NEMA 5-20R
1 NEMA L5-30R
Number of rack unit 4U
Cable length 8 ft (2.44 m)
Number of cables 1
Battery Type Lead-Acid battery
Provided equipment CD with software
Documentation CD
Installation guide
Rack mounting hardware
Rack Mounting brackets
Rack Mounting support rails
Removable support feet
Smart UPS signalling RS-232 cable
USB cable
Web/SNMP Management Card
General
Number of power module 2400

**Number of power module filled
slots**
0
**Number of power module free
slots**
0
Product web sub-family Network card pre-installed
Redundant No
Physical
Color Black
Height 17.01 in (43.2 cm)
Width 7.01 in (17.8 cm)
Depth 19.02 in (48.3 cm)
Net Weight 85.19 lb(US) (38.64 kg)
Mounting Location Front
Mounting preference Lower
Mounting Mode Rack-mounted
Two post mountable 1
USB compatible Yes
Input
Efficiency at full load 70...153 V
Input Frequency 50/60 Hz +/- 3 Hz auto-sensing
Output
Harmonic distortion Less than 5%
**Maximum configurable power in
VA**
2880 VA
Max Configurable Power (Watts) 2700 W
Maximum output current 15 A
Transfer Time 2-4 ms
4ms typical : 8ms maximum
Topology Line Interactive
Waveform Type Sine wave
Output frequency 50/60 Hz +/- 3 Hz sync to mains
Conformance
Product Certifications BSMI
CSA

NOM
TÜV
VCCI Class A
Equipment protection policy Lifetime : $150000
Environmental
Acoustic level 55 dBA
Heat dissipation 276 Btu/h
Operating altitude 0...10000 ft
Ambient Air Temperature for
Operation
32...104 °F (0...40 °C)

Ambient Air Temperature for
Storage
5...113 °F (-15...45 °C)
Storage altitude 0...50000 ft (0.00...15240.00 m)
Relative Humidity 0...95 %
Storage Relative Humidity 0...95 %
Batteries & Runtime
Extendable Run Time 1
Included Battery Modules 0
Battery Slots Empty 0
Typical recharge time 3 h
RBC Quantity 1
Battery life 3...5 year(s)
Replacement battery APCRBC143
APCRBC143US
CURK143-01-04
Battery power in VAH 738 VAh runtime
Battery Charge Power (Watts) 245 W rated
Battery option SMX120BP 1 2214 VAh
SMX120BP 2 3690 VAh
SMX120BP 3 5166 VAh
SMX120BP 4 6642 VAh
SMX120BP 6 9594 VAh
SMX120BP 8 12546 VAh
SMX120BP 10 15498 VAh
Communications & Management
Alarm Alarm when on battery : distinctive low battery alarm : configurable delays
Control panel Multi-function LCD status and control console
Emergency Power Off (EPO) Yes
Free slots 0
Pre-Installed SmartSlot™ Cards Network management card 2 with environmental monitoring
LED status display with on line : on battery : replace battery and overload indicators
Alarm when on battery : distinctive low battery alarm : configurable delays
Surge Protection and Filtering
Surge energy rating 540 J
Filtering Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
Ordering and shipping details
Category 11309-APC RESALE PRODUCTS
Discount Schedule APC1
GTIN 731304292654
Returnability No
Packing Units
Unit Type of Package 1 PCE
Number of Units in Package 1 1

Package 1 Height 12.99 in (33 cm)
Package 1 Width 24.92 in (63.3 cm)

Package 1 Length 23.07 in (58.6 cm)
Package 1 Weight 105.23 lb(US) (47.73 kg)
Pallet unit layers 2
Pallet layers 4
Offer Sustainability
Sustainable offer status Green Premium product
California proposition 65 WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation REACh Declaration
EU RoHS Directive Compliant
EU RoHS Declaration
Mercury free Yes
RoHS exemption information Yes
Environmental Disclosure Product Environmental Profile
Circularity Profile End of Life Information
Optimized Energy Efficiency Energy efficient product
Take-back Take-back program available
Contractual warranty
Warranty 3 years repair or replace (excluding battery) and 2 years for battery, optional extended warranties available, optional on-site warranties available
Recommended replacement(s)

External Battery Pack Rack/Tower 120V, 1200VAh, rackmount, 4U

Overview
Lead time Usually Ships within 2 Weeks
Main
Number of rack unit 4U
Battery Type Lead-Acid battery
Provided Equipment Installation guide
Rack Mounting brackets
Physical
Color Black
Height 17.01 in (43.2 cm)
Width 7.01 in (17.8 cm)
Depth 19.02 in (48.3 cm)
Net Weight 134.28 lb(US) (60.91 kg)
Mounting Mode Rack-mounted
Environmental
Ambient Air Temperature for
Operation
32…104 °F (0…40 °C)
Relative Humidity 0…95 %
Operating altitude 0...10000 ft
Ambient Air Temperature for
Storage
5…113 °F (-15…45 °C)
Storage Relative Humidity 0…95 %
Storage altitude 0…50000 ft (0.00…15240.00 m)
Batteries & Runtime
Battery blocks per string 10
Device mounting Enclosed battery cartridge
Included Battery Modules 0
Battery Slots Empty 0
RBC Quantity 2
Battery Voltage 120 V

Replacement battery APCRBC143
APCRBC143US
Ordering and shipping details
Category 11309-APC RESALE PRODUCTS
Discount Schedule APC1
GTIN 731304292562
Returnability No
Packing Units
Unit Type of Package 1 PCE
Number of Units in Package 1 1
Package 1 Height 12.99 in (33 cm)
Package 1 Width 23.07 in (58.6 cm)
Package 1 Length 24.92 in (63.3 cm)
Package 1 Weight 144.29 lb(US) (65.45 kg)
Offer Sustainability
Sustainable offer status Green Premium product
California proposition 65 WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACh Regulation REACh Declaration
EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope)
EU RoHS Declaration
Mercury free Yes
RoHS exemption information Yes
Environmental Disclosure Product Environmental Profile
Circularity Profile End of Life Information
Take-back Take-back program available
Contractual warranty
Warranty 2 years repair or replace
Recommended replacement(s)
2