

Product data sheet

Specifications



APC Smart-UPS On-Line, 6kVA/
6kW, Rack/Tower, 208V, 2x
L6-20R+3x L6-30R NEMA outlets,
Network Card+SmartSlot,
Extended runtime, W/O rail kit,
TAA

SRT6KXLTUS

Overview

Lead time Usually in Stock


Main

Main Input Voltage	208 V
Product or Component Type	Uninterruptible power supply (UPS)
Other Input Voltage	240 V
Main Output Voltage	208 V
Other Output Voltage	240 V
Kw Rating	6000 W
Rated power in VA	6000 VA
output connection type	2 NEMA L6-20R 3 NEMA L6-30R
Output connector type	Hard Wire 3-wire (2PH + G) 1
Provided equipment	CD with software Documentation CD Installation guide Removable support feet Temperature Probe User Manual USB cable Warranty card Web/SNMP Management Card
Range of Product	Smart-UPS On-Line

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery Type	Lead-Acid battery
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	1.5 h
RBC Quantity	1
Battery Charge Power (Watts)	579 W rated
Battery life	3...5 year(s)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Replacement battery	APCRBC140 
Extendable Run Time	1

General

Topology	Double Conversion Online
product web sub-family	TAA compliance
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

color	Black
Height	17.008 in (43.2 cm)
Width	6.9 in (17.4 cm)
Depth	28.3 in (71.9 cm)
Net Weight	134.99 lb(US) (61.23 kg)
Mounting preference	No preference
Mounting Mode	Rack-mounted with kit
Two post mountable	0
USB compatible	Yes
Mounting position	Vertical

Input

Input Frequency	40 - 70 Hz auto-sensing
Number of input connectors	1 Hard Wire 3-wire (2PH + G)
Efficiency at full load	100...275 V adjustable (half load)

Output

Maximum configurable power in VA	6000 VA
Max Configurable Power (Watts)	6000 W
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz sync to mains
Waveform Type	Sine wave
Harmonic distortion	Less than 2%
Crest factor	3 : 1
Bypass type	Internal Bypass (Automatic and Manual)

Conformance

Product Certifications	ENERGY STAR V2.0 (USA) FCC part 15 class A NOM TAA compliance UL 1778
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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 (0.0000000000...15240.0000000000 m)
Acoustic level	55 dBA
Online Thermal Dissipation	1402 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	1
Pre-Installed SmartSlot™ Cards	Network management card 3 with environmental monitoring
Alarm	Audible and visible alarms : prioritized by severity
Emergency Power Off (EPO)	Yes

Surge Protection and Filtering

Surge energy rating	480 J
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Ordering and shipping details

GTIN	731304340508
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	14.6 in (37 cm)
Package 1 Width	37.8 in (96 cm)
Package 1 Length	24.02 in (61 cm)
Package 1 Weight	142.00 lb(US) (64.41 kg)

Contractual warranty

Warranty	3 years repair or replace (excluding battery) and 2 years for battery
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Energy Efficient Take-back Transparency RoHS/REACH

Resource performance

Energy Efficient Product

Take-Back Program Available

Well-being performance

Rohs Exemption Information Yes

Environmental Certifications

Energy Star® ENERGY STAR UPS V2.0 (USA)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information.

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)