

Product data sheet

Characteristics

SRT6KXLT-5KTF

APC Smart-UPS On-Line, 6kVA/6kW, Tower, 208V, 8x 5-20R+4x L6-20R+3x L6-30R +1x L14-30R NEMA, NMC+SmartSlot, W/ transformer 208V to 120V, W/O rail kit



Overview

Lead time Usually in Stock

Main

| | |
|----------------------------|--|
| Main Input Voltage | 208 V |
| Other Input Voltage | 240 V |
| Main Output Voltage | 120 V 208 V |
| Other Output Voltage | 240 V |
| Kw Rating | 6000 W |
| Rated power in VA | 6000 VA |
| Nb of power socket outlets | 8 NEMA 5-20R 4 NEMA L6-20R 3 NEMA L6-30R 1 NEMA L14-30R |
| Output connector type | Hard Wire 3-wire (2PH + G) 1 |
| Battery Type | Lead-Acid battery |
| Provided equipment | CD with software Documentation CD Installation guide Removable support feet Temperature Probe User Manual USB cable Warranty card Web/SNMP Management Card |

General

| | |
|-------------------------------------|--------------|
| Product web sub-family | High density |
| Number of power module free slots | 0 |
| Number of power module filled slots | 0 |
| Redundant | No |

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Physical

| | |
|---------------------|---------------------------|
| Color | Black |
| Height | 17.01 in (43.2 cm) |
| Width | 11.97 in (30.4 cm) |
| Depth | 28.31 in (71.9 cm) |
| Net Weight | 259.99 lb(US) (117.93 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

| | |
|----------------------------------|--|
| Max Configurable Power (Watts) | 6000 W |
| Harmonic distortion | Less than 2% |
| Output Frequency (sync to mains) | 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) |
| Maximum configurable power in VA | 6000 VA |

Conformance

| | |
|------------------------|--|
| Product Certifications | ENERGY STAR V2.0 (USA) FCC part 15 class A UL 1778 |
| Standards | CSA C22.2 No.107.3-05 |

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 | 1402 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 | 192V |
| Battery Charge Power (Watts) | 579 W rated |
| Battery power in VAh | 875 VAh runtime |
| Battery Life | 3...5 year(s) |

| | |
|---------------------|--|
| Battery option | SRT192BP 1 2625 VAh SRT192BP 2 4375 VAh SRT192BP 3 6125 VAh SRT192BP 4 7875 VAh SRT192BP 5 9625 VAh SRT192BP 6 11375 VAh SRT192BP 8 14875 VAh SRT192BP 10 18375 VAh |
| Extendable Run Time | 1 |

Communications & Management

| | |
|---------------------------|--|
| Free slots | 1 |
| Control panel | Multi-function LCD status and control console |
| Audible Alarm | Audible and visible alarms prioritized by severity |
| Emergency Power Off (EPO) | Yes |

Surge Protection and Filtering

| | |
|---------------------|-------|
| Surge energy rating | 480 J |
|---------------------|-------|

Ordering and shipping details

| | |
|---------------------|---------------------------|
| Package weight(Lbs) | 281.99 lb(US) (127.91 kg) |
|---------------------|---------------------------|

Packing Units

| | |
|------------------------------|--------------------|
| Package 1 Height | 28.27 in (71.8 cm) |
| Package 1 width | 24.02 in (61 cm) |
| Package 1 Length | 38.58 in (98 cm) |
| Number of Units in Package 3 | 3 |

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 |
| ENERGY STAR® |  ENERGY STAR UPS V2.0 (USA) |
| 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 |
|----------|---|