

# Product data sheet

Specifications



APC Smart-UPS On-Line, 6kVA/  
6kW, Rackmount 4U, 208V, 2x  
L6-20R+3x L6-30R NEMA outlets,  
Network Card+SmartSlot,  
Extended runtime, W/ rail kit

SRT6KRMXLT

Product availability: Non-Stock - Not normally stocked in  
distribution facility

## Overview

|           |                  |
|-----------|------------------|
| Lead time | Usually in Stock |
|-----------|------------------|

## Main

|                           |                                                                                                                                                                                                                              |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main Input Voltage        | 208 V AC 1 phase<br>240 V AC 1 phase                                                                                                                                                                                         |
| Product or Component Type | Uninterruptible power supply (UPS)                                                                                                                                                                                           |
| Other Input Voltage       | 240 V                                                                                                                                                                                                                        |
| Main Output Voltage       | 208 V 1 phase<br>240 V 1 phase                                                                                                                                                                                               |
| Other Output Voltage      | 240 V                                                                                                                                                                                                                        |
| Rated power in W          | 6000 W                                                                                                                                                                                                                       |
| rated power in VA         | 6000 VA                                                                                                                                                                                                                      |
| output connection type    | 2 NEMA L6-20R<br>3 NEMA L6-30R                                                                                                                                                                                               |
| Output connector type     | Hard Wire 3-wire (2PH + G) for 1 zone(s)                                                                                                                                                                                     |
| Number of rack unit       | 4U                                                                                                                                                                                                                           |
| Provided equipment        | CD with software<br>Documentation CD<br>Installation guide<br>Rack mounting hardware<br>Rack Mounting brackets<br>Rack Mounting support rails<br>Temperature Probe<br>USB cable<br>Warranty card<br>Web/SNMP Management Card |
| Range of Product          | Smart-UPS On-Line                                                                                                                                                                                                            |

## Complementary

|                  |                                                                                           |
|------------------|-------------------------------------------------------------------------------------------|
| Battery Size     | Lead-acid internal                                                                        |
| UPS connectivity | Serial port<br>USB port<br>Embedded network management card 3<br>Available expansion slot |
| Mounting mode    | Rack-mounted with included kit                                                            |

## Batteries & Runtime

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

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

|                              |                                                                                                                         |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Run Time                     | <a href="#">View Runtime Graph</a>     |
| Efficiency                   | <a href="#">View Efficiency Graph</a>  |
| Battery Type                 | Lead-Acid battery                                                                                                       |
| Battery Voltage              | 192V                                                                                                                    |
| Extendable Run Time          | 1                                                                                                                       |
| Included Battery Modules     | 0                                                                                                                       |
| Battery Slots Empty          | 0                                                                                                                       |
| Typical recharge time        | 1.5 h                                                                                                                   |
| RBC Quantity                 | 1                                                                                                                       |
| Battery life                 | 3...5 year(s)                                                                                                           |
| Replacement battery          | <a href="#">APCRBC140</a>              |
| Battery Charge Power (Watts) | 579 W rated                                                                                                             |

## General

|                                     |                          |
|-------------------------------------|--------------------------|
| Number of power module filled slots | 0                        |
| Number of power module free slots   | 0                        |
| product web sub-family              | High density             |
| Redundant                           | No                       |
| Topology                            | Double Conversion Online |

## Physical

|                     |                          |
|---------------------|--------------------------|
| color               | Black                    |
| Height              | 6.9 in (174 mm)          |
| Width               | 17.008 in (432 mm)       |
| Depth               | 28.3 in (719 mm)         |
| Net Weight          | 134.99 lb(US) (61.23 kg) |
| Mounting Location   | Front                    |
| Mounting preference | Lower                    |
| Mounting Mode       | Rack-mounted             |
| Two post mountable  | 0                        |
| USB compatible      | Yes                      |
| Mounting position   | Horizontal               |

## Input

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

## Output

|              |                                        |
|--------------|----------------------------------------|
| Bypass type  | Internal Bypass (Automatic and Manual) |
| Crest factor | 3 : 1                                  |

|                                  |                                 |
|----------------------------------|---------------------------------|
| Harmonic distortion              | Less than 2%                    |
| Maximum configurable power in VA | 6000 VA                         |
| Max Configurable Power (Watts)   | 6000 W                          |
| Waveform Type                    | Sine wave                       |
| Output frequency                 | 50/60 Hz +/- 3 Hz sync to mains |

## Conformance

|                        |                                                                 |
|------------------------|-----------------------------------------------------------------|
| Product Certifications | ENERGY STAR V2.0 (USA)<br>FCC part 15 class A<br>NOM<br>UL 1778 |
|------------------------|-----------------------------------------------------------------|

## Environmental

|                                       |                            |
|---------------------------------------|----------------------------|
| Acoustic level                        | 55 dBA                     |
| Heat dissipation                      | 1402 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...15240 m) |
| IP degree of protection               | IP20                       |
| Relative Humidity                     | 0...95 % non-condensing    |
| Storage Relative Humidity             | 0...95 % non-condensing    |

## Communications & Management

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

## Surge Protection and Filtering

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

## Ordering and shipping details

|                   |                           |
|-------------------|---------------------------|
| Category          | 11309-APC RESALE PRODUCTS |
| Discount Schedule | APC1                      |
| GTIN              | 731304308522              |
| Returnability     | No                        |
| Country of origin | PH                        |

## Packing Units

|                        |                 |
|------------------------|-----------------|
| Unit Type of Package 1 | PCE             |
| Nbr. of units in pkg.  | 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 weight(Lbs) | 150.003 lb(US) (68.04 kg) |

## Contractual warranty

|                      |                   |
|----------------------|-------------------|
| Warranty (in months) | 36 UPS 24 Battery |
|----------------------|-------------------|

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

| Environmental footprint                        |                                               |
|------------------------------------------------|-----------------------------------------------|
| Carbon footprint (kg CO2 eq, Total Life cycle) | 13718                                         |
| Environmental Disclosure                       | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |                                                                                                                                                                                                                                                                                                    |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                                                                                                                                                                                                                                |
| Packaging without single use plastic   | No                                                                                                                                                                                                                                                                                                 |
| <a href="#">EU RoHS Directive</a>      | Compliant with Exemptions                                                                                                                                                                                                                                                                          |
| REACH Regulation                       | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                                  |
| California proposition 65              | <b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

| Energy efficiency                                                                                |                            |
|--------------------------------------------------------------------------------------------------|----------------------------|
| Optimized Energy Efficiency                                                                      | Energy efficient product   |
|  ENERGY STAR® | ENERGY STAR UPS V2.0 (USA) |

Use Again

| Repack and remanufacture |                                                                                                                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                                                                                                                          |
| Removable battery        | User replaceable                                                                                                                                                                                                 |
| Take-back                | Yes                                                                                                                                                                                                              |
| WEEE Label               |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |

Technical Illustration

Dimensions

---



Offer Marketing Illustration

Product benefits / Features

---

Network Management Card

Remotely monitor and manage your Smart-UPS with an embedded Network Management Card 3.

- 

Configuration and control options
- 

Event and data logging
- 

Enterprise management system compatible
- 

Enables connection to EcoStruxure IT



Offer Marketing Illustration

Product benefits / Features

---

Keep your critical applications running  
when you need them the most



Offer Marketing Illustration

Product benefits / Features

---

SmartConnect Ethernet Port  
Out-of-box cloud-based remote power monitoring

- 

UPS firmware upgrades
- 

Remote diagnostics
- 

Proactive email notifications
- 

Recommended actions



Select features may be subject to Ser-based licensing. Terms on the Smart-UPS Web Portal.

Offer Marketing Illustration

Product benefits / Features

---

Installation Flexibility

The SRT series is rack/tower convertible to support evolving business needs.



Offer Marketing Illustration

Product benefits / Features

---

**Intuitive LCD interface**

Real-time status updates with multiple language options, and intuitive navigation keys.



Offer Marketing Illustration

Product benefits / Features

---



Offer Marketing Illustration

Product benefits / Features

---

Premium Power Protection

Maintain business operations, customer satisfaction, and revenue by mitigating power and voltage disruptions.



6kVA/6kW  
Battery backup



Pure Sine Wave  
Power



Double-conversion  
on-line power  
protection



94.4%  
Online efficiency



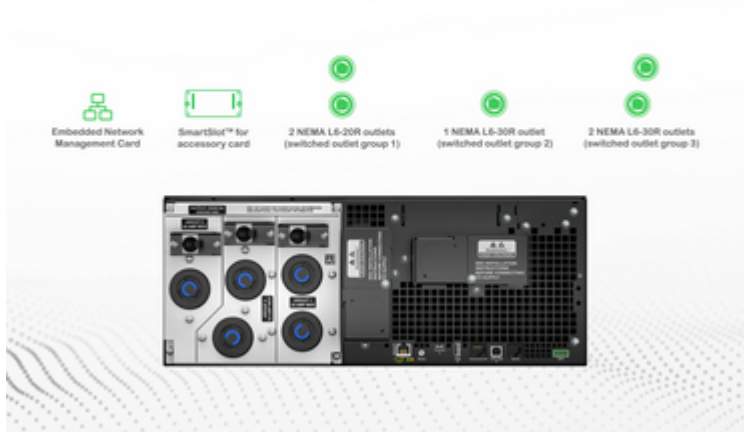
Offer Marketing Illustration

Product benefits / Features

---

Communication Ports and Outlets

Advanced monitoring and management capabilities with numerous outlets to power and protect all your sensitive devices.



Offer Marketing Illustration

Product benefits / Features

---

Intelligent battery management



Battery replacement recommendations



Temperature-compensated charging



Periodic battery self-test



Disconnect battery notifications



Offer Marketing Illustration

Product benefits / Features

---

Power protection for your physical & virtual IT environment  
with PowerChute<sup>TM</sup> Network Shutdown Software

Unattended, graceful shutdown, automated start-up and ease of use for:



Hyperconverged  
infrastructure



Virtual  
machines



Hosts and  
cluster services



Offer Marketing Illustration

Product benefits / Features

---

Peace of mind at home or office with  
PowerChute™ Serial Shutdown Software

UPS management, graceful shutdown, and  
energy management software for:



Desktops



Servers



Workstations



Offer Marketing Illustration

Product benefits / Features

---

Extended Runtime

Supports up to 10 external battery packs.



Offer Marketing Illustration

Product benefits / Features

---



Image of product / Alternate images

Alternative

---





