

# Product datasheet

Specifications



APC Smart-UPS On-Line, 6kVA/  
6kW, Rackmount 4U, 230V, 6x  
C13+4x C19 IEC outlets, Network  
Card+SmartSlot, Extended  
runtime, W/ rail kit

SRT6KRMXLI

## Overview


Presentation	High density, double-conversion on-line power protection with scalable runtime.
Lead time	Usually in Stock

## Main

Main Input Voltage	230 V
Product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated power in W	6000 W
Rated power in VA	6000 VA
output connection type	6 IEC 60320 C13 2 IEC Jumpers 4 IEC 60320 C19
Output connector type	Hard wire 3-wire (H N + E) 1
Number of rack unit	4U
Provided equipment	CD with software Installation guide Rack mounting hardware Rack mounting brackets Rack mounting support rails Temperature probe USB cable Warranty card Web/SNMP management card
Range of product	Smart-UPS On-Line

## Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>
Battery type	Lead-acid battery
Battery voltage	192 V
Extended runtime	1
Number of battery filled slots	0

Battery recharge time	1.5 h
Number of battery replacement quantity	1
Battery life	3...5 year(s)
Replacement battery	<a href="#">APCRBC140</a> 
Battery charger power	597 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
UPS type	Double conversion online

## Physical

Colour	Black
Height	17.4 cm
Width	43.2 cm
Depth	71.94 cm
Net weight	60 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes
Mounting position	Horizontal

## Input

Input voltage limits	100...275 V adjustable (half load)
Number of input connectors	1 hard wire 3-wire (1P + N + E)
Network 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
Maximum configurable power in W	6000 W
Wave type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains

## Conformance

<b>Product certifications</b>	CE EAC IRAM RCM VDE
<b>Marking</b>	CE Mark
<b>Standards</b>	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

## Environmental

<b>Acoustic level</b>	55 dBA
<b>Heat dissipation</b>	1300 Btu/h
<b>Operating altitude</b>	0...10000 ft
<b>Ambient air temperature for operation</b>	0...40 °C
<b>Ambient air temperature for storage</b>	-15...45 °C
<b>Storage altitude</b>	0.0000000000...15240.0000000000 m
<b>IP degree of protection</b>	IP20
<b>Relative humidity</b>	0...95 % non-condensing
<b>Storage Relative Humidity</b>	0...95 % non-condensing

## Communications & Management

<b>Emergency power off</b>	Yes
<b>Free slots</b>	1
<b>Preinstalled device</b>	Network management card 3 with environmental monitoring
<b>Alarm</b>	Audible and visible alarms : prioritized by severity

## Surge Protection and Filtering

<b>Surge energy rate</b>	480 J
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## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	37.000 cm
<b>Package 1 Width</b>	61.000 cm
<b>Package 1 Length</b>	96.000 cm
<b>Package 1 Weight</b>	67.000 kg

## Contractual warranty

<b>Warranty</b>	3 years repair or replace (excluding battery) and 2 years for battery
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## 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.eq.CO2 per CR, Total Life cycle) **13539**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard **Yes**

Packaging without single use plastic **No**

[EU RoHS Directive](#) **Compliant with Exemptions**

REACH Regulation [REACH Declaration](#)

China RoHS Regulation [China RoHS declaration](#)

### Energy efficiency

Optimized Energy Efficiency **Energy efficient product**

## Use Again

### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Removable battery **User replaceable**

WEEE  **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Take-back **Yes**