

# Product datasheet

Specifications



## APC Smart-UPS SRT 10000VA RM 230V

SRT10KRMXLI

### Overview

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

### Main

|                           |                                                                                                                                                                                                                              |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main Input Voltage        | 230 V<br>400 V 3 phases                                                                                                                                                                                                      |
| Product or component type | Uninterruptible power supply (UPS)                                                                                                                                                                                           |
| Other Input Voltage       | 220 V<br>240 V<br>380 V<br>415 V                                                                                                                                                                                             |
| Main Output Voltage       | 230 V                                                                                                                                                                                                                        |
| Other Output Voltage      | 220 V<br>240 V                                                                                                                                                                                                               |
| Rated power in W          | 10000 W                                                                                                                                                                                                                      |
| rated power in VA         | 10000 VA                                                                                                                                                                                                                     |
| output connection type    | 6 IEC 60320 C13<br>3 IEC Jumpers<br>4 IEC 60320 C19                                                                                                                                                                          |
| Output connector type     | Hard wire 3-wire (H N + E) 1                                                                                                                                                                                                 |
| Number of rack unit       | 6U                                                                                                                                                                                                                           |
| 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                                                                                                                                                                                                            |

### 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 (split battery referenced to neutral) |
| Extended runtime | 1                                               |

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 battery filled slots         | 0                                                                                                           |
| Battery recharge time                  | 1.5 h                                                                                                       |
| Number of battery replacement quantity | 2                                                                                                           |
| Battery life                           | 3...5 year(s)                                                                                               |
| Replacement battery                    | <a href="#">APCRBC140</a>  |
| Battery charger power                  | 876 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              | 26.3 cm       |
| Width               | 43.2 cm       |
| Depth               | 71.5 cm       |
| Net weight          | 111.82 kg     |
| Mounting location   | Front         |
| Mounting preference | No preference |
| Mounting mode       | Rack-mounted  |
| Two post mountable  | 0             |
| USB compatible      | Yes           |

## Input

|                            |                                                                          |
|----------------------------|--------------------------------------------------------------------------|
| Input voltage limits       | 100...275 V adjustable (half load)<br>173...476 V adjustable (half load) |
| Number of input connectors | 1 hard wire 3-wire (1P + N + E)<br>1 hard wire 5-wire (3P + 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 | 10000 VA                               |
| Maximum configurable power in W  | 10000 W                                |
| Wave type                        | Sine wave                              |
| Output frequency                 | 50/60 Hz +/- 3 Hz sync to mains        |

## Conformance

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

## Environmental

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Acoustic level                        | 55 dBA                            |
| Heat dissipation                      | 1947 Btu/h                        |
| Operating altitude                    | 0...10000 ft                      |
| Ambient air temperature for operation | 0...40 °C                         |
| Ambient air temperature for storage   | -15...45 °C                       |
| Storage altitude                      | 0.0000000000...15240.0000000000 m |
| IP degree of protection               | IP20                              |
| Relative humidity                     | 0...95 % non-condensing           |
| Storage Relative Humidity             | 0...95 % non-condensing           |

## Communications & Management

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

## Surge Protection and Filtering

|                   |       |
|-------------------|-------|
| Surge energy rate | 480 J |
|-------------------|-------|

## Packing Units

|                              |            |
|------------------------------|------------|
| Unit Type of Package 1       | PCE        |
| Number of Units in Package 1 | 1          |
| Package 1 Height             | 46.1 cm    |
| Package 1 Width              | 60 cm      |
| Package 1 Length             | 100 cm     |
| Package 1 Weight             | 129.727 kg |

## Contractual warranty

|          |                                                                       |
|----------|-----------------------------------------------------------------------|
| Warranty | 3 years repair or replace (excluding battery) and 2 years for 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.eq.CO2 per CR, Total Life cycle) | 22874                                         |
| 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            |
| SCIP Number                            | 409c68a1-39a6-4e5f-b080-12befe783ad8 |
| REACH Regulation                       | <a href="#">REACH Declaration</a>    |

| Energy efficiency           |                          |
|-----------------------------|--------------------------|
| Optimized Energy Efficiency | Energy efficient product |

Use Again

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