

Product datasheet

Specifications



APC Easy UPS On-Line, 1000VA/800W, Tower, 230V, 3x IEC C13 outlets, Intelligent Card Slot, LCD

SRV1KI

Overview

Presentation High quality, Double-conversion On-line UPS designed for essential power protection needs even in the most unstable power conditions.

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 800 W

Rated power in VA 1000 VA

Input Connection Type IEC 60320 C14

Output connection type 3 IEC 60320 C13

Cable length 1.50 m

Number of cables 1

Provided equipment 1 IEC 60320 C13 to Schuko power cable
1 IEC 60320 C13 to C14 power cable
1 USB cable
1 RS-232 configuration cable
user manual

Batteries & Runtime

Battery type Lead-acid battery

Battery voltage 24 V

Number of battery filled slots 1

Number of battery free slots 0

Battery recharge time 4 h

Battery life 3...5 year(s)

Replacement battery [APCRBCV203](#)

Battery charger power 30 W rated

General

| | |
|-------------------------------------|-------|
| Max runtime | 4 min |
| Number of power module filled slots | 0 |
| Number of power module free slots | 0 |
| Redundant | No |

Physical

| | |
|---------------------|--------------------|
| Colour | Black (RAL 7010) |
| Height | 22.3 cm |
| Width | 14.5 cm |
| Depth | 28.8 cm |
| Net weight | 9.3 kg |
| Mounting location | Front |
| Mounting support | Floor |
| Mounting preference | No preference |
| Mounting mode | Not rack-mountable |
| USB compatible | Yes |
| Mounting position | Vertical |

Input

| | |
|----------------------|--|
| Input voltage limits | 110...285 V half load 160...280 V full load |
| Network frequency | 40...70 Hz auto sensing |

Output

| | |
|----------------------------------|--|
| Maximum configurable power in VA | 1000 VA |
| Maximum configurable power in W | 800 W |
| Output frequency | 50/60 Hz +/- 3 Hz sync to mains |
| Harmonic distortion | 3 % |
| UPS type | Double conversion online |
| Wave type | Sine wave |
| Efficiency | 88 % (full load) |
| Additional information | Configurable for 220 : 230 or 240 nominal output voltage |
| Bypass type | Internal bypass (automatic and manual) |
| Crest factor | 3 : 1 |

Conformance

| | |
|------------------------|--|
| Product certifications | CE UKCA EAC TISI |
| Standards | EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018 |

Environmental

| | |
|---------------------------------------|-------------------------|
| Ambient air temperature for operation | 0...40 °C |
| Relative humidity | 0...95 % non-condensing |
| Operating altitude | 0...3000 m |
| Ambient air temperature for storage | -20...50 °C |
| Storage Relative Humidity | 0...95 % non-condensing |
| Storage altitude | 0...15000 m |
| Acoustic level | 50 dBA |
| Heat dissipation | 372 Btu/h |
| IP degree of protection | IP20 |

Communications & Management

| | |
|---------------|--|
| Alarm | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |
| Free slots | 1 |
| Control panel | Multifunction LCD status and control console |

Surge Protection and Filtering

| | |
|-------------------|-------|
| Surge energy rate | 600 J |
|-------------------|-------|

Packing Units

| | |
|------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 33 cm |
| Package 1 Width | 23.5 cm |
| Package 1 Length | 36.5 cm |
| Package 1 Weight | 10.6 kg |

Offer Sustainability

| | |
|-----------------------------|--|
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Optimized Energy Efficiency | Energy efficient product |

Contractual warranty

| | |
|----------|---------------------------|
| Warranty | 2 years repair or replace |
|----------|---------------------------|

Recommended replacement(s)