

Product datasheet

Specifications



APC Easy UPS On-Line, 6kVA/6kW, Rackmount 5U, 230V, Hard wire 3-wire(P+N+E) outlet, Intelligent Card Slot, LCD, Extended Runtime, W/ rail kit

SRV6KRILRK

EAN Code: 0731304346289

Overview

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

Main

| | |
|----------------------------------|--|
| Main Input Voltage | 230 V AC 1 phase |
| Input voltage | 220 V 240 V |
| Input voltage limits | 110...300 V 60 % load 176...300 V full load |
| Number of input connectors | 1 hard wire 3-wire (1P + N + E) |
| Network frequency | 40...70 Hz auto sensing |
| Output voltage | 230 V AC 1 phase |
| Output voltage | 220 V 240 V |
| Rated power in W | 6000 W |
| rated power in VA | 6000 VA |
| Output connector type | Hard wire 3-wire (1P + N + E) for 1 zone(s) |
| Bypass type | Internal bypass (automatic and manual) |
| Crest factor | 3 : 1 |
| Harmonic distortion | 1 % |
| Maximum configurable power in VA | 6000 VA |
| Maximum configurable power in W | 6000 W |
| UPS type | On-Line |
| Wave type | Sine wave |
| Efficiency | 94 % (full load) |
| Output frequency | 50/60 Hz +/- 3 Hz sync to mains |

Graphs

Run Time [View Runtime Graph](#)

Efficiency [View Efficiency Graph](#)

Complementary

| | |
|--|--|
| Additional information | Configurable for 220 : 230 or 240 nominal output voltage |
| Battery type | Lead-acid external included |
| Control panel | Multifunction LCD status and control console |
| Emergency power off | Yes |
| Free slots | 1 |
| Alarm | Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm |
| UPS connectivity | Serial port USB port Available expansion slot |
| Surge energy rate | 600 J |
| Number of rack unit | 5U |
| Colour | Black (RAL 7010) |
| Height | 220 mm |
| Width | 438 mm |
| Depth | 615 mm |
| Product weight | 81 kg |
| Mounting location | Front |
| Mounting preference | Lower |
| Mounting mode | Rack-mounted |
| USB compatible | Yes |
| Mounting position | Horizontal |
| Mounting mode | Rack-mounted with included kit |
| Number of power module filled slots | 0 |
| Number of power module free slots | 0 |
| Redundant | No |
| Range of product | Easy UPS On-Line |
| Product or component type | Uninterruptible power supply (UPS) |

Environment

| | |
|--|--|
| 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 |
| Ambient air temperature for operation | 0...40 °C |
| Ambient air temperature for storage | -15...60 °C |
| Storage altitude | 0...15000 m |
| IP degree of protection | IP20 |
| Relative humidity | 0...95 % non-condensing |
| Storage Relative Humidity | 0...95 % non-condensing |
| Acoustic level | 55 dBA |

| | |
|------------------|------------|
| Heat dissipation | 1172 Btu/h |
|------------------|------------|

| | |
|--------------------|------------|
| Operating altitude | 0...3000 m |
|--------------------|------------|

Batteries & Runtime

| | |
|--------------|-------------------|
| Battery type | Lead-acid battery |
|--------------|-------------------|

| | |
|-----------------|-------|
| Battery voltage | 240 V |
|-----------------|-------|

| | |
|------------------|---|
| Extended runtime | 1 |
|------------------|---|

| | |
|--------------------------------|---|
| Number of battery filled slots | 0 |
|--------------------------------|---|

| | |
|------------------------------|---|
| Number of battery free slots | 0 |
|------------------------------|---|

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|-----------------------|-----|
| Battery recharge time | 5 h |
|-----------------------|-----|

| | |
|--------------|---------------|
| Battery life | 3...5 year(s) |
|--------------|---------------|

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|-----------------------|--------------|
| Battery charger power | 1170 W rated |
|-----------------------|--------------|

| | |
|----------------------|------------------|
| Battery power in VAH | 1512 VAh runtime |
|----------------------|------------------|

Packing Units

| | |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

| | |
|------------------------------|---|
| Number of Units in Package 1 | 1 |
|------------------------------|---|

| | |
|------------------|-------|
| Package 1 Height | 49 cm |
|------------------|-------|

| | |
|-----------------|-------|
| Package 1 Width | 60 cm |
|-----------------|-------|

| | |
|------------------|-------|
| Package 1 Length | 87 cm |
|------------------|-------|

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|------------------|-------|
| Package 1 Weight | 88 kg |
|------------------|-------|

Logistical informations

| | |
|-------------------|----|
| Country of origin | CN |
|-------------------|----|

Contractual warranty

| | |
|----------------------|----|
| Warranty (in months) | 24 |
|----------------------|----|



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

| | |
|--|----------------|
| Total lifecycle Carbon footprint | 809 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 405 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 27 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 31 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 307 kg CO2 eq. |
| Carbon footprint of the end-of-life phase [C1 to C4] | 38 kg CO2 eq. |

Use Better



Materials and Substances

| | |
|--|--|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| SCIP Number | 409c68a1-39a6-4e5f-b080-12befe783ad8 |
| EU RoHS Directive | Compliant By Exemption |
| REACH Regulation | Reference contains Substances of Very High Concern above the threshold |

Use Longer



Lifetime extension

| | |
|--------|----|
| Repair | No |
|--------|----|

Use Again



Repack and remanufacture

| | |
|---------------------------------|---|
| Recyclability potential, in % | 48 |
| End of life manual availability | End of Life Information |
| Take-back | No |
| WEEE Label |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Image of product / Alternate images

Alternative





