Product datasheet

Specifications



Schneider Electric On-Line UPS 6000VA, 230V, with pre-installed input/output hardwire kit

SR16KXIET

Overview

Presentation	Proven Industrial UPS power protection for control applications and harsh environments.

Main

Main input voltage	230 V
Other input voltage	220 V 240 V
Efficiency at full load	160...280 V
Input connection	1 hard wire 3-wire
Input frequency	50/60 Hz +/- 5 Hz auto-sensing
Output voltage	230 V
Other output voltage	220 V 240 V
Rated power in W	4200 W
Rated power in VA	6000 VA
Output connection	Hard wire 3-wire (H N + E) for 1 zone(s)
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	Less than 3 %
Maximum configurable power in VA	6000 VA
Maximum configurable power in W	4200 W
UPS topology	On-Line
Waveform type	Sine wave
Efficiency	92 % (full load)
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Replacement battery	APCRBC140

Graphs

Run Time	View Runtime Graph

Complementary

Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Emergency power off	Yes

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Free slot	1
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Surge energy rating	555 J
Noise filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
Number of rack unit	3U
Color	Black
Height	432 mm
Width	130 mm
Depth	660 mm
Product weight	54.55 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Provided equipment	Documentation CD Smart UPS signalling RS-232 cable User manual
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	C-Tick CE CSA GOST VDE
Standard	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…45 °C
Storage altitude	0…15240 m
Relative humidity	0…95 %
Storage relative humidity	0…95 %
Acoustic level	55 dBA
Heat dissipation	1221 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-acid battery

Extendable runtime	1
Included battery module	2
Typical recharge time	2.5 h
RBC quantity	1
Battery life	3…5 year(s)
Battery charging power	382 W rated

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	34.700 cm
Package 1 Width	60.300 cm
Package 1 Length	98.000 cm
Package 1 Weight	63.640 kg

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	**12 578 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**501 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**6 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**12 066 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**5 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Average percentage of recycled plastic content	**15 %**
Packaging made with recycled cardboard	**Yes**
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 Again

Repack and remanufacture

Recyclability potential, in %	**65**
Removable battery	**User replaceable**
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

