# **Product datasheet**

Specifications





APC Smart-UPS On-Line, 1000VA/1000W, Rackmount 2U, 230V, 6x C13 IEC outlets, SmartSlot, Extended runtime, W/ rail kit

SRT1000RMXLI

#### **Overview**

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

Main	
Main Input Voltage	230 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated power in W	1000 W
Rated power in VA	1000 VA
Input Connection Type	BS1363A British IEC 60320 C14 Schuko CEE 7 / EU1-16P
Output connection type	6 IEC 60320 C13
Number of rack unit	2U
Cable length	1.83 m
Number of cables	1
Battery type	Lead-acid battery
Provided equipment	CD with software Communication cable Documentation CD Installation guide Rack mounting hardware Rack mounting brackets Rack mounting support rails USB cable Warranty card

## **Batteries & Runtime**

Number of battery filled slots	1
Number of battery free slots	0
Battery recharge time	3 h
Battery charger power	97 W rated
Battery power in VAH	293 VAh runtime
Battery life	35 year(s)

SRT 1881/88 2 165 VAN SRT 1881/88 2 165 VAN SRT 1881/88 2 5051 VAN SRT 1881 1 VAN SRT 1881/88 2 5051 VAN SRT 1881	Replacement battery	APCRBC155 ☐
General Product web sub-family High density Number of power module free slots Number of power module filled slots Redundant No Physical Colour Black Height 8.5 cm Width 43.2 cm Depth 50.5 cm Not weight 21 kg Mounting preference No preference Mounting mode Rack-mounted with let Two post mountable 0 USB compatible Yes Mounting position Vertical Input Notwork frequency 4070 Hz auto-sensing Input voltage limits 175275 V full load 100273 V 40% load Output Maximum configurable power in what was a sine wave Bypas type Built-in bypass Maximum configurable power in USB sine wave Bypas type Built-in bypass Maximum configurable power in VA Maximum configurable power in Varies of the sine wave Bypas type Built-in bypass Maximum configurable power in VA Maximum configurable power in Varies of the sine wave Bypas type Built-in bypass Maximum configurable power in VA Conformance Product certifications CE	Battery option	SRT48RMBP 2 1465 VAh SRT48RMBP 3 2051 VAh SRT48RMBP 4 2637 VAh SRT48RMBP 5 3223 VAh SRT48RMBP 6 3809 VAh SRT48RMBP 8 4981 VAh
Product web sub-family High density  Number of power module free alots  Redundant No  Physical  Colour Black  Height 8.5 cm  Width 43.2 cm  Depth 50.5 cm  Not weight 21 kg  Mounting preference No preference  Mounting product mountable Yes  Mounting prosition Vertical  Input  Network frequency 4070 kb auto-sensing Input voltage limits 170275 V full boad 100275 V 40% load  Output frequency 50.60 Hz + x 3 hz sync to mains  Crest factor 3.1  UPS type Double conversion online  Waximum configurable power in VA  Maximum configurable power in Value of the conversion online  Wave type Buill-in bypass  Maximum configurable power in VA  Maximum configurable power in VA  Maximum configurable power in Value of the conversion online  Wave type Buill-in bypass  Maximum configurable power in VA  Conformance  Product certifications CE	Extended runtime	1
Number of power module free slots  Number of power module filled slots  Redundant No  Physical  Colour Black Height 8.5 cm  Width 43.2 cm  Depth 50.5 cm  Net weight 21 kg  Mounting preference No preference  Mounting mode Rack-mounted with kit  Two post mountable 0  USB compatible Yes  Mounting position Vertical  Input  Network frequency 4070 Hz auto sensing Input voitage limits 176275 V full load 100275 V 40% load  Output  Maximum configurable power in What is the species of the state	General	
Number of power module filled slots Redundant No  Physical Colour Black Height 8.5 cm Width 43.2 cm  Depth 50.5 cm  Net weight 21 kg Mounting preference No preference Mounting mode Rack-mounted with kit Two post mountable 0 USB compatible Yes Mounting position Vertical  Input  Network frequency 4070 Hz auto-sensing Input voltage limits 176. 275 V full load 100275 V 40% load  Output Maximum configurable power in W W Harmonic distortion Less then 2 % Output frequency 50/00 Hz +/- 3 Hz sync to mains Crest factor 3:1  UPS type Double conversion online Wave type Sine wave Bypass type Built-in bypass Maximum configurable power in IVA  Conformance Product certifications CE	Product web sub-family	High density
Redundant No  Physical  Colour Black Height 8.5 cm  Width 43.2 cm  Depth 50.5 cm  Net weight 21 kg  Mounting preference No preference Mounting mode Rack-mounted with kit  Two post mountable 0  USB compatible Yes  Mounting position Vertical  Input  Network frequency 4070 Hz auto-sensing Input voltage limits 176275 V full load 100275 V 40% load  Output  Maximum configurable power in W  Harmonic distortion Less than 2 %  Output frequency 50/60 Hz +f- 3 Hz sync to mains  Crest factor 3:1  UPS type Double conversion online  Wave type Sine wave  Bypass type Built-in bypass  Maximum configurable power in VA  Conformance  Product certifications CE	Number of power module free slots	0
Physical Colour Black Height 8.5 cm Width 43.2 cm Depth 50.5 cm Net weight 21 kg Mounting preference No preference Mounting mode Rack-mounted with kik Two post mountable 0 USB compatible Yes Mounting position Vertical Input Network frequency 4070 Hz auto-sensing Input voltage limits 176275 V full load 100275 V 40% load  Output Maximum configurable power in W Harmonic distortion Less than 2 % Output frequency 50/60 Hz +/- 3 Hz sync to mains Crest factor 3 : 1 UPS type Double conversion online Wave type Sine wave Bypass type Bulli-in bypass Maximum configurable power in IVA  Conformance Product certifications CE	Number of power module filled slots	0
Colour Black  Height 8.5 cm  Width 43.2 cm  Depth 50.5 cm  Net weight 21 kg  Mounting preference No preference  Mounting mode Rack-mounted with kit  Two post mountable 0  USB compatible Yes  Mounting position Vertical  Input  Network frequency 4070 Hz auto-sensing  Input voitage limits 176275 V full load 100275 V 40% load  Output  Maximum configurable power in W  Harmonic distortion Less than 2 %  Output frequency 5060 Hz +/- 3 Hz sync to mains  Crest factor 3:1  UPS type Double conversion online  Wave type Sine wave  Bypass type Bult-in bypass  Maximum configurable power in VA  Conformance  Product certifications CE	Redundant	No
Height 8.5 cm  Width 43.2 cm  Depth 50.5 cm  Net weight 21 kg  Mounting preference No preference  Mounting mode Rack-mounted with kit  Two post mountable 0  USB compatible Yes  Mounting position Vertical  Input  Network frequency 4070 Hz auto-sensing Input voltage limits 176275 V full load 100275 V 40% load  Output  Maximum configurable power in W  Harmonic distortion Less than 2 %  Output frequency 50/60 Hz +/- 3 Hz sync to mains  Crest factor 3:1  UPS type Double conversion online  Wave type Sine wave  Bypass type Built-in bypass  Maximum configurable power in VA  Conformance  Product certifications CE	Physical	
Width 43.2 cm  Depth 50.5 cm  Net weight 21 kg  Mounting preference No preference  Mounting mode Rack-mounted with kit  Two post mountable 0  USB compatible Yes  Mounting position Vertical  Input  Network frequency 4070 Hz auto-sensing Input voltage limits 176275 V full load 100275 V 40% load  Output  Maximum configurable power in WW  Harmonic distortion Less than 2 %  Output frequency 50/50 Hz +/- 3 Hz sync to mains  Crest factor 3::1  UPS type Double conversion online  Wave type Sine wave  Bypass type Built-in bypass  Maximum configurable power in 1000 VA  Conformance  Product certifications CE	Colour	Black
Depth 50.5 cm  Net weight 21 kg  Mounting preference No preference  Mounting mode Rack-mounted with kit  Two post mountable 0  USB compatible Yes  Mounting position Vertical  Input  Network frequency 4070 Hz auto-sensing Input voltage limits 176275 V full load 100275 V 40% load  Output  Maximum configurable power in WW  Harmonic distortion Less than 2 %  Output frequency 50/60 Hz +/- 3 Hz sync to mains  Crest factor 3:1  UPS type Double conversion online  Wave type Sine wave  Bypass type Built-in bypass  Maximum configurable power in 1000 VA  Conformance  Product certifications CE	Height	8.5 cm
Mounting preference No preference Mounting mode Rack-mounted with kit Two post mountable 0 USB compatible Yes Mounting position Vertical  Input Network frequency 100275 V full load 100275 V 40% load  Output Maximum configurable power in W Harmonic distortion Less than 2 % Output frequency 50/60 Hz +/- 3 Hz sync to mains Crest factor 3 : 1 UPS type Double conversion online Wave type Sine wave Bypass type Built-in bypass Maximum configurable power in VA  Conformance Product certifications CE	Width	43.2 cm
Mounting preference  Mounting mode  Rack-mounted with kit  Two post mountable  0  USB compatible  Yes  Mounting position  Vertical  Input  Network frequency  176275 V full load 100275 V 40% load  Output  Maximum configurable power in  W  Harmonic distortion  Less than 2 %  Output frequency  50/60 Hz +/- 3 Hz sync to mains  Crest factor  3:1  UPS type  Double conversion online  Wave type  Sine wave  Bypass type  Built-in bypass  Maximum configurable power in  1000 VA  Conformance  Product certifications  CE	Depth	50.5 cm
Mounting mode Rack-mounted with kit Two post mountable 0 USB compatible Yes Mounting position Vertical Input Network frequency 4070 Hz auto-sensing Input voltage limits 176275 V full load 100275 V 40% load  Output Maximum configurable power in W Harmonic distortion Less than 2 % Output frequency 50/60 Hz +/- 3 Hz sync to mains Crest factor 3:1 UPS type Double conversion online Wave type Sine wave Bypass type Built-in bypass Maximum configurable power in 1000 VA Conformance Product certifications CE	Net weight	21 kg
Two post mountable 0 USB compatible Yes  Mounting position Vertical  Input Network frequency 4070 Hz auto-sensing Input voltage limits 176275 V full load 100275 V 40% load  Output  Maximum configurable power in W Harmonic distortion Less than 2 % Output frequency 50/60 Hz +/- 3 Hz sync to mains  Crest factor 3:1  UPS type Double conversion online  Wave type Sine wave  Bypass type Built-in bypass  Maximum configurable power in 1000 VA  Conformance  Product certifications CE	Mounting preference	No preference
Wes Mounting position  Vertical  Input  Network frequency  4070 Hz auto-sensing  Input voltage limits  176275 V full load 100275 V 40% load  Output  Maximum configurable power in W  Harmonic distortion  Less than 2 %  Output frequency  50/60 Hz +/- 3 Hz sync to mains  Crest factor  3:1  UPS type  Double conversion online  Wave type  Sine wave  Bypass type  Built-in bypass  Maximum configurable power in 1000 VA  Conformance  Product certifications  CE	Mounting mode	Rack-mounted with kit
Input  Network frequency  A070 Hz auto-sensing Input voltage limits  176275 V full load 100275 V 40% load  Output  Maximum configurable power in W  Harmonic distortion  Less than 2 %  Output frequency  50/60 Hz +/- 3 Hz sync to mains  Crest factor  3:1  UPS type  Double conversion online  Wave type  Bypass type  Built-in bypass  Maximum configurable power in 1000 VA  Conformance  Product certifications  CE	Two post mountable	0
Input Network frequency 4070 Hz auto-sensing Input voltage limits 176275 V full load 100275 V 40% load  Output Maximum configurable power in W Harmonic distortion Less than 2 % Output frequency 50/60 Hz +/- 3 Hz sync to mains  Crest factor 3:1 UPS type Double conversion online Wave type Sine wave Bypass type Built-in bypass  Maximum configurable power in 1000 VA  Conformance Product certifications CE	USB compatible	Yes
Network frequency 4070 Hz auto-sensing Input voltage limits 176275 V full load 100275 V 40% load  Output  Maximum configurable power in W  Harmonic distortion Less than 2 %  Output frequency 50/60 Hz +/- 3 Hz sync to mains  Crest factor 3:1  UPS type Double conversion online  Wave type Sine wave  Bypass type Built-in bypass  Maximum configurable power in VA  Conformance  Product certifications CE	Mounting position	Vertical
Input voltage limits  176275 V full load 100275 V 40% load  Output  Maximum configurable power in W  Harmonic distortion  Less than 2 %  Output frequency  50/60 Hz +/- 3 Hz sync to mains  Crest factor  3:1  UPS type  Double conversion online  Wave type  Sine wave  Bypass type  Built-in bypass  Maximum configurable power in VA  Conformance  Product certifications  CE	Input	
Output  Maximum configurable power in W  Harmonic distortion  Less than 2 %  Output frequency  50/60 Hz +/- 3 Hz sync to mains  Crest factor  3:1  UPS type  Double conversion online  Wave type  Sine wave  Bypass type  Built-in bypass  Maximum configurable power in VA  Conformance  Product certifications  CE	Network frequency	4070 Hz auto-sensing
Maximum configurable power in W  Harmonic distortion  Less than 2 %  Output frequency  50/60 Hz +/- 3 Hz sync to mains  Crest factor  3:1  UPS type  Double conversion online  Wave type  Sine wave  Bypass type  Built-in bypass  Maximum configurable power in VA  Conformance  Product certifications  CE	Input voltage limits	
Maximum configurable power in W  Harmonic distortion  Less than 2 %  Output frequency  50/60 Hz +/- 3 Hz sync to mains  Crest factor  3:1  UPS type  Double conversion online  Wave type  Sine wave  Bypass type  Built-in bypass  Maximum configurable power in VA  Conformance  Product certifications  CE	Output	
Output frequency 50/60 Hz +/- 3 Hz sync to mains  Crest factor 3 : 1  UPS type Double conversion online  Wave type Sine wave  Bypass type Built-in bypass  Maximum configurable power in VA  Conformance  Product certifications CE	Maximum configurable power in W	1000 W
Crest factor 3:1  UPS type Double conversion online  Wave type Sine wave  Bypass type Built-in bypass  Maximum configurable power in VA  Conformance  Product certifications CE	Harmonic distortion	Less than 2 %
UPS type Double conversion online  Wave type Sine wave  Bypass type Built-in bypass  Maximum configurable power in VA  Conformance  Product certifications CE	Output frequency	50/60 Hz +/- 3 Hz sync to mains
Wave type  Bypass type  Built-in bypass  Maximum configurable power in VA  Conformance  Product certifications  CE	Crest factor	3:1
Bypass type  Built-in bypass  Maximum configurable power in VA  Conformance  Product certifications  CE	UPS type	Double conversion online
Maximum configurable power in VA  Conformance Product certifications  CE	Wave type	Sine wave
Conformance Product certifications CE	Bypass type	Built-in bypass
Product certifications CE	Maximum configurable power in VA	1000 VA
	Conformance	
	Product certifications	

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	040 °C
Relative humidity	095 % non-condensing
Operating altitude	010000 ft
Ambient air temperature for storage	-2050 °C
Storage Relative Humidity	095 % non-condensing
Storage altitude	0.0015240.00 m
Acoustic level	50 dBA
Heat dissipation	317 Btu/h
IP degree of protection	IP20

## **Communications & Management**

Free slots	0
Alarm	Audible and visible alarms : prioritized by severity
Emergency power off	Yes

#### **Surge Protection and Filtering**

Surge energy rate 432 J

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	24.6 cm
Package 1 Width	74.9 cm
Package 1 Length	59.4 cm
Package 1 Weight	29.6 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

## **Contractual warranty**

Warranty

3 years repair or replace (excluding battery) and 2 years for battery

Recommended replacement(s)