

SPS ADVANCE RT2

Line-interactive sine-wave UPS 800 VA to 3000 VA

SPS ADVANCE RT2: Effective protection for entrylevel servers and IT equipment

Salicru's **SPS ADVANCE RT2** series is a range of UPS featuring line-interactive technology with sine-wave output voltage and convertible tower/rack format, the height being only 2U for all power ratings. In addition, its output power factor of 0.9 and compatibility with APFC (active power factor correction) type loads make it the best option for any type of load that requires protection.

In terms of communications, it features an RS-232/USB interface (compatible with HID protocol) and a smart slot that can optionally hold an SNMP card, MODBUS or potential-free contacts; also available are software packages for local or virtual monitoring and management of protected devices.

And other outstanding features include: solutions for applications with long backup (by means of equipment with extra chargers and additional battery modules), swivel mount display and adapters (pedestal and lugs) for placing in tower or rack formats and programmable outputs (critical/non-critical loads) to extend the available backup.

The power range for the **SPS ADVANCE RT2** series is: 800, 1,100, 1,500, 2,000 and 3,000 VA.











Applications: Flexibility and versatility in the protection of IT environments

The features of the **SPS ADVANCE RT2** series make it a versatile solution for protecting a wide range of IT equipment such as basic servers, routers, switches, hubs and point-of-sale with high power density requirements and/or rack installation of servers/communications.



SICOTEC AG +41 61 926 90 60 www.sicotec.ch usv@sicotec.ch

IPerformances

- · Line-interactive technology with sine-wave output.
- · Permanent AVR stabilisation.
- · Output power factor PF=0.9.
- · Control panel with swivel mount LCD display and keypad.
- · Convertible tower/rack format (2U).
- · Includes pedestal (pedestal mount) and lugs (rack mount).
- · Backup extensions available for all power ratings.
- · UPS models with extra charger for backup extensions.
- · RS-232/USB-HID interface.
- · Downloadable monitoring software for Windows, Linux and Mac.
- · Smart slot for SNMP/potential-free contacts/MODBUS.
- · ADSL/fax/modem protection.
- · EPO emergency power off.
- · Programmable outputs for critical/non-critical loads.
- · Manual and automatic battery test.
- · Smart battery charger to shorten average recharging times.
- · Battery recharging with device turned off.
- · SLC Greenergy solution.



















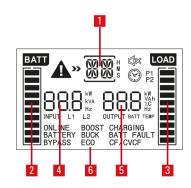






Display

- **1.** Configuration values, fault codes and remaining backup.
- 2. Level of battery available.
- 3. Level of load connected.
- **4.** Input values (current, voltage and frequency).
- **5.** Output and battery values (current, voltage and frequency).
- 6. Operating mode.





I Range

MODEL	CODE	POWER (VA / W)	NO. OF OUTPUT SOCKETS	DIMENSIONS (D × W × H mm)	WEIGHT (Kg)
SPS 800 ADV RT2	6A0CA000001	800 / 720	8 × IEC C13	$410\times438\times88$	12.9
SPS 1100 ADV RT2	6A0CA000002	1100 / 990	8 × IEC C13	$410\times438\times88$	13.4
SPS 1500 ADV RT2	6A0CA000003	1500 / 1350	8 × IEC C13	$510\times438\times88$	19.5
SPS 2000 ADV RT2	6A0CA000004	2000 / 1800	8 × IEC C13	$510\times438\times88$	21.5
SPS 3000 ADV RT2	6A0CA000005	3000 / 2700	8 × IEC C13 + 1 × IEC C19	$630\times438\times88$	29.3

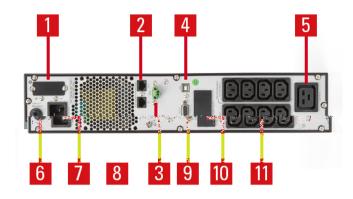
Dimensions and weights for devices with standard backup

Dimensions



SPS 800÷3000 ADV RT2

Connections



- **1.** Connection for battery module (only in models with extra charger).
- **2.** ADSL/fax/modem transient protector.
- 3. Emergency stop (EPO).
- 4. USB interface.
- 5. Socket IEC C19 (only for 3000 VA model).
- **6.** Resettable thermal cutoff (fuse for 800 and 1100 VA models).
- **7.** Plug (IEC 14 for 800, 1100 and 1500 VA models; IEC 20 for 2000 and 3000 VA models).
- **8.** Fan.
- 9. RS-232 interface.
- **10.** Smart slot for SNMP/potential-free contacts/ MODBUS.
- **11.** Sockets (8 x IEC 13), programmable critical (x4) / non-critical (x4).

ITechnical specifications

OUTPUT Power factor 0.9 Rated voltage 208/220/230/240 V Voltage accuracy (battery mode) ±1.5% Total harmonic distortion (THDv) <2% linear load /<5% non-linear load Waveform (battery mode) Pure sine wave Frequency 50/60 Hz (same as input) Frequency accuracy (battery mode) ±0.1Hz Admissible overloads in battery mode < 120% off at 1 min / < 150% off at 10 s Admissible overloads in on-line mode < 120% off at 5 min / < 150% off at 10 s Programmable sockets Yes, for critical / non-critical loads (4/4) BATTERY Battery type Pb-Ca sealed, AGM, maintenance-free Charge type I/U (constant current/constant voltage) Recharge time 4 hours to 90% Battery test Automatic on every start + one × week CHARGER Temperature voltage compensation Yes COMMUNICATION Ports RS-232/USB-HID Intelligent slot Slot for SNMP/potential-free contacts/ MODBUS Monitoring software For Windows, Linux and Mac OTHER FUNCTIONS Cold start (start-up from batteries) Yes	ИODEL		SPS ADVANCE RT2		
NPUT	ECHNOLOGY		Line-interactive con salida senoidal		
Voltage range 100% load	ORMAT		Convertible tower/rack (2U)		
Stabiliser AVR (Buck & Boost) Rated frequency 50 / 60 Hz (auto-detection) Frequency range ±5 Hz Protection Fuse (800/1100) or resettable thermal cutoff (1500/2000/ OUTPUT Power factor 0,9 Rated voltage 208 / 220 / 230 / 240 V Voltage accuracy (battery mode) ±1.5% Total harmonic distortion (THDv) <2% linear load / <5% non-linear load Waveform (battery mode) Pure sine wave Frequency 50/60 Hz (same as input) Frequency accuracy (battery mode) Admissible overloads in battery mode 4 / 120% off at 1 min / <150% off at 10 s Admissible overloads in on-line mode 7 / 20% off at 5 min / <150% off at 10 s Programmable sockets Yes, for critical / non-critical loads (4/4) BATTERY Battery type Pb-Ca sealed, AGM, maintenance-free Charge time 4 hours to 90% Battery test Automatic on every start + one × week CHARGER Temperature voltage compensation Yes COMMUNICATION Ports Intelligent slot Slot for SNMP/potential-free contacts/ MODBUS Monitoring software For Windows, Linux and Mac OTHER FUNCTIONS Cold start (start-up from batteries) Yes Emergency stop (EPO) Yes ADSL/fax/modem transient protector Green-function Yes, smart control of fan speed	NPUT	Rated voltage	208 / 220 / 230 / 240 V		
Rated frequency Frequency range Protection Frequency range Protection Fuse (800/1100) or resettable thermal cutoff (1500/2000/2000/2000/2000/2000/2000/2000/		Voltage range 100% load	170 ÷ 280 V		
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Green-function Yes, automatic stop in battery mode with load <5% Smart fan speed Yes, smart control of fan speed			Yes		
Smart fan speed Yes, smart control of fan speed		·			
Site wiring fault Yes, error detection of phase-neutral rotation and/or absence		Site wiring fault	Yes, error detection of phase-neutral rotation and/or absence of earth		
•	GENERAL				
Relative humidity Up to 95%, non-condensing					
Maxium operating altitude 2,400 masl (power degradation up to 5,000 m)		,			
Acoustic noise at 1 metre < 45dB		, ,			
	STANDARDS				
Electromagnetic compatibility (EMC) EN 62040-1:2006 EN 62040-2:2006(C2)	וטווסעווטט	•			
Operation EN 62040-3:2011					
Quality and environmental management ISO 9001 and ISO 14001		•			