



SPS ADVANCE RT

Sine-wave Line-interactive UPS 750 VA – 3,000 VA

SPS ADVANCE RT: Advanced protection for networks and IT servers

With sine-wave output Line-interactive technology, Salicru's **SPS ADVANCE RT** series is a UPS which provides the best possible performance on the market and comes in formats including the convertible tower/rack format (2U) with directable LCD display to be integrated in any professional computer environment, with an output power factor of 0.9 which, along with sine-wave output form waveform, makes it compatible with all current active PFC IT servers.

Furthermore, the possibilities of communication via RS-232 + USB + SNMP along with the different multiplatform management and monitoring softwares enable the series to be adapted to any computer system. Also outstanding are the EPO (Emergency Power Off) systems for emergency shutdowns, configurable and prioritisable output sockets, the Green-mode function for power saving and the extended autonomy options for applications requiring longer back-up periods.

The powers available are: 750 VA, 1,000 VA, 1,500 VA, 2,000 VA and 3,000 VA.

Performances

- Line-interactive UPS with sine-wave output.
- Output power factor = 0.9.
- Permanent stabilisation.
- Directable graphic screen.
- Tower/rack convertible.
- Rack assembly height of 2U.
- Includes pedestal (tower) and ears (rack).
- Selectable and prioritisable load control.⁽¹⁾
- Green-mode function.
- RS-232, USB and USBHID UPS.
- Monitoring software for Windows, Unix, Linux and Mac.
- Smart slot for SNMP/relays.⁽¹⁾
- Data/modem line protection.
- Extended autonomy available.⁽¹⁾
- Automatic frequency detector.
- EPO – Emergency Power Off.⁽¹⁾
- Cold Start function for starting from batteries.
- Self test on every start-up and/or manual.
- Battery replacement warning system.
- SLC Greenergy solution.

⁽¹⁾ For models ≥1,500 VA



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Applications: Versatility and integration for computer environments

All of the described performances result in a UPS that is reliable, efficient, flexible and manageable, and is the best option for protecting all kinds of servers, including those with an active PFC power supply. Redundant power solutions are also possible by installing two **SPS ADVANCE RT** units along with a Salicru **SPS.16.STS** automatic transfer system.

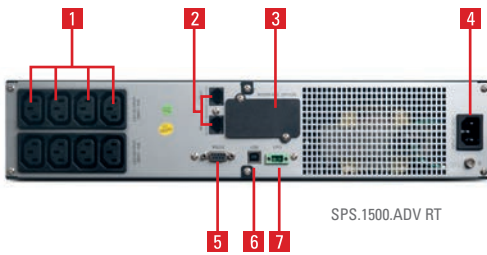
Increased security for all IT applications, such as servers, VoIP telephony, network electronics and associated peripherals.

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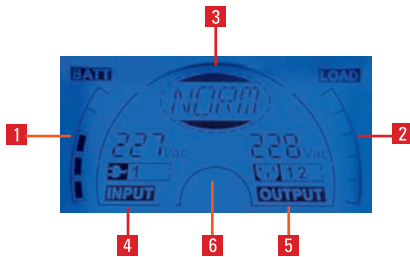
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Connections



1. IEC type AC outputs, configurable.
2. Modem/mains active protector.
3. SNMP/relays smart slot.
4. AC input.
5. RS-232 / opto coupler interface.
6. USB port.
7. Emergency Power Off (EPO).

Display



1. Available battery level.
2. Connected load level.
3. UPS status / user adjustments.
4. Voltage / frequency / input bases.
5. Voltage / frequency / output bases.
6. Warning / adjustment indicator.

USBID UPS

- Allows to monitor, parameter setting and shut down / hibernate the computer through the USB interface.
- Compatible with Windows, Linux and Mac.

Salicru warranty

- Online registry at support.salicru.com.
- 2 year warranty, including batteries.
- Possibility of extending the warranty period.



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TECHNICAL SPECIFICATIONS

MODEL		750 VA	1000 VA	1500 VA	2000 VA	3000 VA	
TECHNOLOGY		Line-interactive with pure sine-wave output					
INPUT	Voltage	220 / 230 / 240 V					
	Voltage range	±20% on Normal mode; -30% +20% on Generator mode ⁽¹⁾					
	Stabiliser	Buck-Boost					
	Frequency range	50 / 60 Hz ±5 Hz on Normal mode; 40-70 Hz on Generator mode ⁽¹⁾					
	Transient absorption capacity	6,5 kA					
OUTPUT	Active power (W)	675	900	1350	1800	2700	
	Power factor	0.9					
	Voltage	220 / 230 / 240 V					
	Voltage accuracy (Bat. mode)	±5% RMS					
	Total Harmonic Distortion (THDv)	<3%					
	Frequency	50 / 60 Hz					
	Frequency accuracy (Bat. mode)	±0.1 Hz					
	Wave form	Pure sine-wave					
	Overload	Line mode	110% shutdown after 3 minutes; 150% shutdown after 200 ms				
		Battery mode	110% shutdown after 30 seconds; 120% shutdown after 100 ms				
Short-circuits	Yes						
Output sockets	Type	IEC320 C13			IEC320 C13+ IEC320 C19		
	Quantity	4	8		8+1		
	Groups	Yes, two groups for priority and non-priority loads ⁽²⁾					
TRANSFER TIME	Inverter-mains	2 ÷ 6 ms					
BATTERY	Type	Sealed lead acid, AGM and free maintenance					
	Typical back up time ⁽³⁾	10 minutes					
	Recharge time at 90%	5 hours	4 hours				
FUNCTIONS	Starting from batteries (Cold Start)	Yes					
	Green-mode	Yes					
INDICATORS		Orientable LCD display					
AUDIBLE ALARMS	Autonomy mode	Beep every 4 seconds					
	Low battery	Beep every second					
	UPS fault	Continuous beep					
	Overload	Beep every second					
	Battery replacement	Continuous beep					
GENERALS	Operating altitude	1500 m.a.s.l.					
	Relative humidity	Up to 95%, non-condensing					
	Operating temperature	0° C ÷ +40° C					
	Acoustic noise @ 1 metre	<40 dB			<45 dB		
INTERFACE	Monitoring software	For Windows, Unix, Linux and Mac					
	RS-232	Yes					
	Opto couplers	No	Yes				
	USB	Yes					
	SNMP slot	No	Yes				
	Emergency Power Off (E.P.O.)	No	Yes				
	Transient Protection modem/mains	Yes					
	Dry contacts	No	Optional				
STANDARDS	Safety	EN-62040-1-1; EN-60950-1					
	Electromagnetic Compatibility (EMC)	EN-62040-2					
	Operating	EN-62040-3					
	Quality and Environmental management	ISO 9001 and ISO 14001					

(1) Power reduction of 15%

(2) For models ≥ 1,500 VA

(3) At 75% of load

Data may change without previous notice.

RANGE

MODEL	POWER (VA / W)	DIMENSIONS (D x W x H mm.)	WEIGHT (Kg)
SPS.750.ADV RT	750 / 675	436 x 438 x 89 (2U)	15
SPS.1000.ADV RT	1,000 / 900	436 x 438 x 89 (2U)	16
SPS.1500.ADV RT	1,500 / 1,350	436 x 438 x 89 (2U)	18.5
SPS.2000.ADV RT	2,000 / 1,800	608 x 438 x 89 (2U)	28
SPS.3000.ADV RT	3,000 / 2,700	608 x 438 x 89 (2U)	29

Dimensions and weights for standar back up