



SPS ADVANCE

LINE INTERACTIVE UPS 750 VA - 3000 VA

► SPS ADVANCE: The flexibility at the electrical protection service

The **SPS ADVANCE** series of **SALICRU** is a line-interactive UPS with pure output sinewave, available in power rates of 750, 1000, 1500, 2000 and 3000VA designed for its easy configuration either in tower or 19" rack formats.

The front panel includes LCD synoptic and four buttons for its easy monitoring, as well as five meters, three status indicators and 9 alarms.

► LCD panel front view



► Models of the SPS ADVANCE series



► QUALITY PERFORMANCES

- Microprocessor control of high reliability.
- Sinewave output.
- High frequency design.
- Stabilizer with boost and buck technology.
- Extended back up times for 1500, 2000 and 3000 VA models.
- Battery charge according to the temperature, ABM function.
- Batteries replacement by the end user.
- Selectable output range and line sensitivity.
- Cold start up capability.
- Dry contacts / RS-232 / USB port.
- Monitoring software for Windows, Linux and Novell.
- RJ11 / RJ45 data line protection.
- Management through SNMP protocol with remote monitoring by web browser.
- Overloads, short-circuit and over heating protections.
- Rack / Tower 2 in 1 design for all models.
- Safety: EN 62040-1-1 / EN 60950-1.
- Electromagnetic compatibility (EMC): EN 50091-2 / EN 62040-2.
- Operating: EN 62040-3.
- Equipment marking: CE.
- Quality: ISO-9001 TÜV.



► Battery replacement



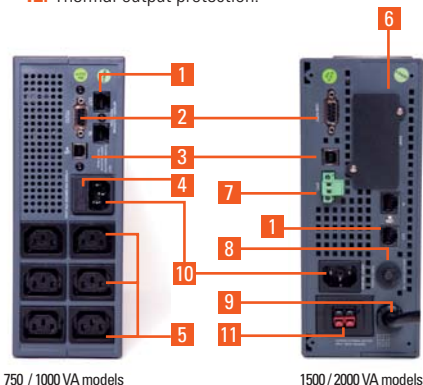
► Assembling conversion design for rack

► APPLICATIONS: Information Technology environments always safe

The **SPS ADVANCE** series will provide a high level of protection to the IT environments of the small and medium companies: PC's, servers, workstations and other network devices. This series protects your most sensitive electronic equipments from problems in the electrical power supply, including over and under voltages, transients, dropouts, brownouts and black outs in the electrical mains.

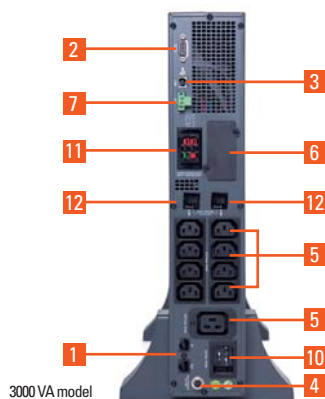
EQUIPMENT connectivity

1. Modem / transient protection.
2. RS-232 / optocouplers.
3. USB port.
4. AC protection.
5. AC output, IEC outlets.
6. SNMP / AS-400 slot.
7. Emergency power off (EPO).
8. Input breaker.
9. AC output.
10. AC input.
11. External battery connector.
12. Thermal output protection.



750 / 1000 VA models

1500 / 2000 VA models



3000 VA model

COMPLETE solution

- ▶ 1 power supply cable.
- ▶ Monitoring software.
- ▶ 1 UPS / PC USB communication cable.
- ▶ 3 output connection cables (IEC).
- ▶ 1 Fax / modem line cable.
- ▶ User manual.

OPTIONS

- ▶ External battery charger for extended back up times (1500 / 2000 VA).
- ▶ 19" rack mounting kit.
- ▶ Temperature + humidity meter for equipments with internal SNMP (from 1500 VA).
- ▶ Temperature meter for equipments with internal SNMP (from 1500 VA).

COMMUNICATIONS

- ▶ Internal SNMP card (from 1500 VA).
- ▶ External SNMP card.
- ▶ AS-400 card (from 1500 VA).



TECHNICAL SPECIFICATIONS

MODEL				750 / 1000 VA	1500 / 2000VA	3000 VA
CAPACITY	Power (W)			500 / 700	1050 / 1340	2100
INPUT	Voltage			220 / 230 / 240 Vac		
	Voltage range	Acceptable voltage range		0 - 300 Vac		
		Transference to batteries due to low mains (Wide mode)		154 / 161 / 168 Vac ± 4%		
		Transference to batteries due to high mains		264 / 276 / 288 Vac ± 2%		
		Estabilizer mode	Boost	If the input V decreases more than 10%, the output V is increased 12%		
	Buck		If the input V increased more than 10%, the output V is decreased 11%			
	Frequency range			50 / 60 Hz ± 5 Hz on Normal mode; > 40 Hz on Generator mode		
Transient absorption capacity			230 Joules	250 Joules	250 Joules	
OUTPUT	Voltage			220 / 230 / 240 Vac		
	Voltage accuracy (Bat. mode)			± 5% RMS for the complete battery voltage range		
	Frequency			50 / 60 Hz		
	Frequency accuracy (Bat. mode)			± 0,1 Hz		
	Wave shape			Pure sinewave		
OVERLOAD	Line mode			110% shutdown after 3 minutes 150% shutdown after 5 cycles		
	Battery type			110% shutdown after 30 seconds 120% shutdown after 5 cycles		
TRANSFER TIME	Inverter - mains			2 - 4 ms		
BATTERY	Battery type			AGM sealed, and maintenance free		
	Typical autonomy (at 70% load)			10 minutes		
	Recharge time			3 hours at 90%		
INDICATORS				LCD panel		
AUDIBLE ALARMS	Autonomy Mode			Beep every 4 seconds		
	Low Battery			Beep every second		
	UPS fault			Continuous beep		
	Overload			Beep every second		
	Battery replacement			Beep every second		
ENVIRONMENT	Operating temperature			0° ÷ +40°C		
	Relative humidity			Up to 90% (non-condensing)		
	Noise level			Lower than 45 dB		
INTERFACE	Monitoring software			Windows family, Linux and Mac platforms		
	RS-232			Yes	Yes	Yes
	Optocouplers			Yes	Yes	Yes
	USB			Yes	Yes	Yes
	SNMP			Option	Option	Option
	E.P.O.			N/A	Yes	Yes

Data liable to changes without prior notice.

RANGE

MODEL	POWER (VA / W)	DIMENSIONS (D x W x H mm)	WEIGHT (Kg)
SPS.750.ADV	750 / 500	386 x 86 x 235	8,6
SPS.1000.ADV	1000 / 700	386 x 86 x 235	9,6
SPS.1500.ADV	1500 / 1050	414 x 86 x 217 (x 2)*	18,5
SPS.2000.ADV	2000 / 1340	414 x 86 x 217 (x 2)*	20,5
SPS.3000.ADV	3000 / 2100	582 x 86 x 438	31,5

(*) Dimension per module

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