

SPM5100RT - RACK MOUNT, LINE INTERACTIVE UPS

600VA ~ 2000VA

Features

- LED display or LCD display selectable
- Microprocessor-based digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Wide input voltage range
- Power-on self test
- Cold start
- Auto restart when mains power is restored
- Auto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge
- Intelligent battery management: battery temperature compensation to extend the battery life; three-stage charging to shorten recharge time
- Short circuit, battery overcharge / overdischarge, overload, surge protections
- Automatic charging in OFF mode
- Optional no-load shutdown
- Optional RS232 / USB communication port and RJ11 / RJ45 protection
- Unattended safety shutdown: system alarm and auto Power-On / Off by RS232 or USB interface communicating with PC

Panel Interface

1. Output Outlets (selectable)
2. TEL / Modem / Fax surge protection
3. (Optional)
4. USB (Optional)
5. AC input



Specifications

MODEL		SPM5106RT	SPM5108RT	SPM5112RT	SPM5115RT	SPM5120RT
Capacity		600 VA 360 W	800 VA 480 W	1200 VA 720 W	1500 VA 900 W	2000 VA 1200 W
INPUT						
Voltage		100 / 110 / 120 V: 80 ~ 150 Vac; 220 / 230 / 240 V: 162 ~ 295 Vac (145 ~ 295 Vac optional)				
Frequency		50 / 60 Hz ± 10% (auto-sensing)				
OUTPUT						
Voltage		100 / 110 / 120 Vac ± 10% or 220 / 230 / 240 Vac ± 10%				
Frequency		50 / 60 Hz ± 1% (auto-sensing)				
Waveform		Mains mode: pure sine wave; Battery mode: simulated sine wave				
Transfer time		Typical 2 ~ 7 ms, 10 ms max.				
BATTERIES						
DC voltage		12 V		12 V		
Configuration		12 V / 7.0 Ah × 1	12 V / 8.0 Ah × 1	12 V / 7.0 Ah × 2	12 V / 8.0 Ah × 2	12 V / 9.0 Ah × 2
Recharge time		6 ~ 8 h				
OTHERS		Capacity				
Protections		Short circuit - battery overcharge – overdischarge – overload - surge				
Communications		USB / RS232 / SNMP (optional)				
Humidity		20 ~ 90% RH @ 0 ~ 40°C (non-condensing)				
Noise level		≤ 45 dB (1 m)				
Rack mount	Net / Gross weight (kg)	7.0 / 7.5	8.2 / 8.7	11.6 / 12.1	13.3 / 13.8	14.9 / 15.4
	Dimensions (W × D × H) (mm)	308 × 438 × 88		308 × 438 × 132		
	Packaged dimensions (W × D × H) (mm)	395 × 525 × 185		95 × 525 × 225		