

SPM3100 - LINE INTERACTIVE UPS

400VA ~ 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



Rear Panel

1. Output Socket (selectable)
2. TEL | Modem | Fax surge
3. USB (optional)
4. AC Input
5. Fuse



Specifications

MODEL		SPM3104	SPM3106	SPM3108	SPM3112	SPM3115	SPM3120	SPM3130
Capacity		400VA 240W	600 VA 360 W	800 VA 480 W	1200 VA 720 W	1500 VA 900 W	2000 VA 1200 W	3000 VA 1800 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 8 ms, 10 ms max.						
BATTERIES								
DC voltage		12V			24V			48V
Configuration		12 V / 4.5 Ah × 1	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	12 V / 9.0 Ah × 4
Recharge time		6 ~ 8 h						
OTHERS								
Protections		Short circuit - battery overcharge – overdischarge – overload - surge						
Communications		USB / RS232 (optional)						
Humidity		20 ~ 90% RH @ 0 ~ 40 (non-condensing)						
Noise level		≤ 45 dB (1 m)						
Plastic case	Net / Gross weight (kg)	3.7 / 4.0	4.3 / 4.6	5.2 / 5.5	8.6 / 9.0	10.1 / 10.5	/	
	Dimensions (W × D × H) (mm)	4.3 / 4.6			4.3 / 4.6		/	
	Packaged dimensions (W × D × H) (mm)	4.3 / 4.6			4.3 / 4.6		/	
	Quantity / 20 ft	2300 pcs			1000 pcs		/	
Metal case	Net / Gross weight (kg)	/	5.1 / 5.4	6.3 / 6.6	9.6 / 10.1	11.3 / 11.7	12.9 / 13.3	19.3 / 20.6
	Dimensions (W × D × H) (mm)	/	95 × 320 × 160		125 × 320 × 225		125 × 380 × 225	157.5 × 452 × 211
	Packaged dimensions (W × D × H) (mm)	/	145 × 375 × 230		180 × 390 × 295		180 × 450 × 295	238 × 536 × 295
	Quantity / 20 ft	/	2000 pcs			1000 pcs		658 pcs