SPM3810 - LINE INTERACTIVE UPS
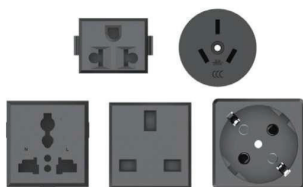
400VA ~ 1000VA

Features

- LED display
- 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 USB ports
- Unattended safety shutdown: system alarm and auto Power-On / Off by USB interface communicating with PC

Panel Interface

1. USB (Optional)
2. AC input
3. Battery charge state (Red)
4. Battery mode (Amber)
5. AC mode (Green)
6. On / Off button
7. Output outlets

Optional outlets

SUPREME
Smart Innovation

MODEL	SPM3804	SPM3806	SPM3808	SPM3810
Capacity	400VA/240W	600VA/360W	800VA/480W	1000VA/600W
INPUT				
Voltage range	100 / 110 / 120 Vac: 80 - 150 Vac；220 / 230 / 240 Vac: 162 - 295 Vac or 145 - 295 Vac			
Frequency range	50 / 60 Hz (auto-sensing)			
OUTPUT				
Output voltage (battery mode)	100 / 110 / 120 Vac ± 10% or 220 / 230 / 240 Vac ± 10%			
Output frequency (battery mode)	60 Hz / 50 Hz ± 1% (auto-sensing)			
Waveform	Mains mode: pure sine wave; Battery mode: simulated sine wave			
Switching time	2 - 8 ms (typical), 12 ms (max.)			
BATTERIES				
DC voltage	12V			
Model & numbers	12V/4.5Ah×1	12V/7Ah×1	12V/8Ah×1	12V/9Ah×1
Recharge time	6 ~ 8 h			
INDICATORS				
Led display	AC Mode, Battery Mode, Battery charge state			
Full protection	Short circuit, battery overcharge, over discharge, overload, surge protections			
OPERATING ENVIRONMENT				
Operating temperature	0 - 40°C			
Relative humidity	5 - 90%			
PHYSICAL				
Dimensions(W×D×H)(mm)	175×255×93			
Net/Gross weight (kg)	3.7/4.0	4.2/4.5	5.2/5.5	5.4/5.8