



SPL-2024M / 2048M



SPL-3024P / 3024M

PARALLEL FEATURE

Parallel feature available with up to 6 units for SPL-3024P / SPL-3024M model only (parallel card and cable are optional)

APPLICATIONS

- Home Equipment
- Office Equipment
- Lighting Systems
- Professional Workstations



SMART POWERPLUS INVERTER FEATURES

- Pure sine wave inverter
- Built-in PWM or MPPT solar charge controller
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC / Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function

SMART POWERPLUS INVERTER SPECIFICATION

MODEL	SPL-2024M	SPL-2048M	SPL-3024P	SPL-3024M
Rated Power	2000VA / 1600W	2000VA / 1600W	3000VA / 2400W	3000VA / 2400W
INPUT				
Voltage	110 / 120VAC			
Selectable Voltage Range	95~140VAC (for personal computers) 65~140VAC (for home appliances)			
Frequency Range	50Hz / 60Hz (auto sensing)			
OUTPUT				
AC Voltage Regulation (Batt. Mode)	110 / 120VAC ± 5% (user selectable)			
Surge Power	4000VA		6000VA	
Efficiency (Peak)	90%~93%			
Transfer Time	10ms (for personal computers); 20ms (for home appliance)			
Waveform	Pure sine wave			
BATTERY & AC CHARGER				
Battery Voltage	24VDC	48VDC	24VDC	24VDC
Floating Charge Voltage	27VDC	54VDC	27VDC	27VDC
Overcharge Protection	31VDC	62VDC	31VDC	31VDC
Maximum Charge Current	20A	10A	60A	60A
SOLAR CHARGER				
Maximum PV Array Power	1500W	3000W	1200W	2000W
Operating Voltage Range	30~115VDC (MPPT Range)	60~115VDC (MPPT Range)	30~40VDC (PWM Range)	30~80VDC (MPPT Range)
Maximum PV Array Open Circuit Voltage	145VDC		80VDC	145VDC
Maximum charging Current	60A		50A	80A
Maximum Efficiency	98%			
Standby Power Consumption	2W			
PHYSICAL				
Dimension (D x W x H) (mm / in)	140 x 295 x 479 / 5.5 x 11.5 x 18.7		125 x 300 x 440 / 4.9 x 11.8 x 17.3	
Net Weight (kg / lb)	11.5 / 25.3		10.5 / 23.2	11 / 24.3

Product specifications are subject to change without further notice.