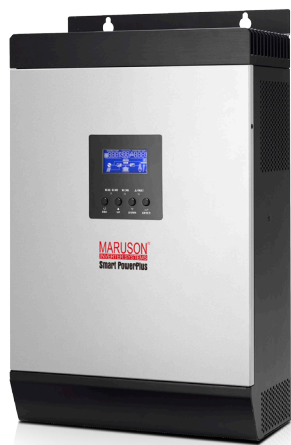


## Smart PowerPlus Series



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



### FEATURES

- Pure sine wave off-grid 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
<b>INPUT</b>				
Voltage	110 / 120VAC			
Selectable Voltage Range	95~140VAC (for personal computers) 65~140VAC (for home appliances)			
Frequency Range	50Hz / 60Hz (auto sensing)			
<b>OUTPUT</b>				
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			
<b>BATTERY &amp; AC CHARGER</b>				
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
<b>SOLAR CHARGER</b>				
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			
<b>PHYSICAL</b>				
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.