



# Powertronics Power-Station XL (PT-12k)



165.4  
LBS



- Low frequency inverter 120/240VAC Split Phase output
- Integrated MPPT charge controller
- Optional WIFI/ GPRS remote monitoring
- Built-in pure copper low frequency transformer
- Configurable grid or solar input priority

[www.powertronics.us](http://www.powertronics.us)

844-241-1046

## Technical Specifications

SKU:	PT-12k
Battery Voltage:	48VDC

### INVERTER OUTPUT

Rated Power:	12000W
Surge Power:	36000W
Nominal Output Voltage RMS:	120VAC or 240VAC (optional)
Output Frequency:	50/60Hz ( $\pm 0.5$ Hz)
Waveform:	Pure Sine Wave
Waveform (Bypass Mode):	Same as Input
Inverter Efficiency (Peak):	88%
Transfer Time:	10ms

### AC INPUT

Voltage:	240VAC
Selectable Voltage Range:	184~272VAC (UPS); 154~272VAC (APL)
Frequency Range (Auto-Sensing):	50/60Hz
Max. Charging Current:	100A

### SOLAR CHARGER

Max. PV Array Power:	7000W
Max. PV Charge Current:	120A
Max. PV Array Open Circuit Voltage:	250V
Max. Efficiency:	97%
No. of Independent MPP Trackers / Strings per MPP Tracker:	2/1
MPPT Range at Operating Voltage:	60~245VDC

### DIMENSIONS

Weight:	165.4 lbs
Depth:	8.9 in
Width:	15 in
Height:	25.6 in

### OPERATING ENVIRONMENT

Operating Temperature:	0°C (32°F) - 50°C (122°F)
Altitude:	<6,562 ft
Protection Rating:	IP20