



# Power-Station

PT-3000

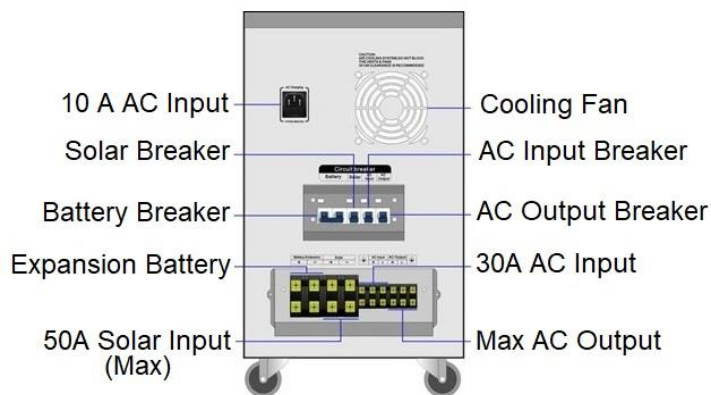
## Quiet, Clean, Transportable Energy Unit

Built in high-performance inverter, Solar and AC chargers  
a complete system capable of handling heavy loads

### Technical Summary:

A high power Lithium Iron Phosphate (LiFePO<sub>4</sub>) battery capable of powering demanding loads for extended time periods.

- 3000W Pure Sine Wave Inverter
- Two USB fast charge ports
- Two 12V barrel connectors
- Ergonomic Control Panel
- 30A Fast AC Charger
- 50A MPPT Solar Charge Controller
- Top quality hermetically sealed cells
- 48V/5120Wh/4800DCW max output
- Battery Management System
- Can be charged and discharged simultaneously.



### Safety Features:

- Over/Under Voltage
- Overcurrent/Short Circuit
- Reverse Polarity
- Over Temperature

### Applications

- Construction / Remediation
- Camping and Disaster Relief
- Catering and Concerts
- Refrigerators and microwaves
- Communications equipment
- Well and sump pumps, furnaces
- Medical equipment



## Technical Specifications

### Internal Battery

Energy	5120Wh
Power Continuous (DC)	4800W
Voltage:	
Nominal	48.0V
Maximum	58.4V
Minimum	40.0V
Current Maximum	100A
Temperature Range:	
Charge	-4°F to 140°F
Discharge	-4°F to 140°F
Storage	14°F to 122°F
Charge Rate Maximum	60A
Charge Profile	CCCV
Cycle Life (0.5C charge and discharge)	≥ 80% after 2500 cycles
Self-Discharge Rate	< 3% Monthly at RT

### Physical Dimensions/Weight

Size	24" x 11" x 23.0"
Weight	160lbs. / 73kg
Enclosure	Steel
Mating Connector	USB, Barrel, AC Outlet
On-Off/Circuit Breaker	100A

### Battery Management System

Over/Under Voltage	Yes
Overcurrent	Yes
Short Circuit	Yes
Over Temperature	Yes
Cell Monitoring	Yes
Cell Balancing	Yes
State of Charge Indicator	Yes
Communications	Bluetooth

### Output/Charging

Inverter voltage	AC110V+/- 10%
Inverter Rated Power	3000W
Inverter Peak Power	6000W
Inverter Frequency	60Hz Pure Sine Wave
Barrel Plug Output	12V 10A
USB Output	5V 2A
Solar Panel Input	60-150VDC
Solar Input Power	50A Max
AC Input Voltage (Tender)	110V
AC Input (Tender)	10A
AC Input Voltage (Operating)	110V
AC Input (Operating)	30A