



# POWERHUB 1800 DATASHEET

AVAILABLE IN:  
**1800W**



## A CLEAN, GREEN, BACKUP POWER SOLUTION

The Xantrex PowerHub is a combination of an inverter/charger module capable of delivering up to 1800 watts of household power. It is the first backup power solution to operate with solar and wind inputs. Power from a generator or the utility grid can also be used with the PowerHub system to recharge its batteries. The PowerHub provides an affordable, highoutput, primary power solution for an off-grid cottage or cabin, as well as backup power for grid-connected homes when the power goes out. It is scalable up to 400 amp-hours of energy, allowing customers to build their system based on their power requirements.



Full-feature LED display for system monitoring



40-amp three-stage charger



Integrated transfer switch



Four AC outlets with hardwire option

### APPLICATIONS:



**1 YEAR  
WARRANTY**

[www.xantrex.com](http://www.xantrex.com)  
CUSTOMER CARE: 1.800.670.0707

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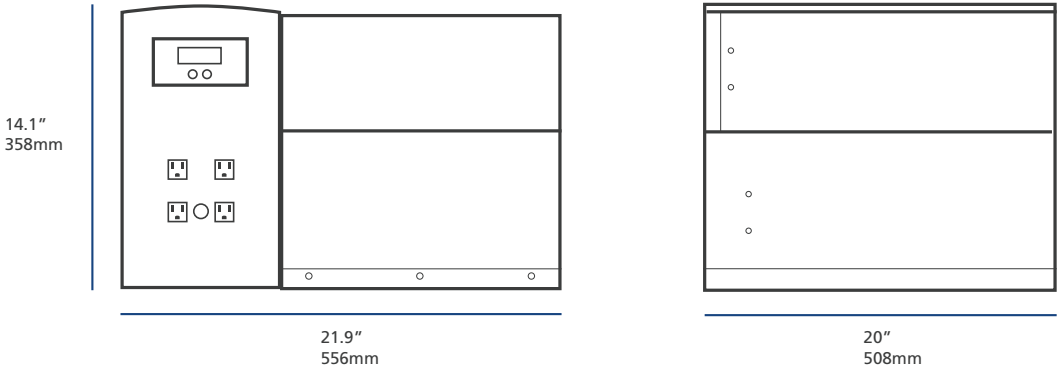


FRONT VIEW

# PRODUCT FEATURES

- Modified sine wave inverter/charger with battery box
  - The battery box stores up to 200 amp-hours of battery power (single battery box included; batteries purchased separately)
  - A second battery may be connected to double the battery capacity (additional battery box and batteries sold separately)
- Designed to include a generator as part of the system; generator power can pass through the unit to the AC outlets, and recharge the batteries
- Two DC inputs for solar and/or wind connections

## POWERHUB 1800 (INVERTER & BATTERY BOX) DIMENSIONS



## ELECTRICAL SPECIFICATIONS - INVERTER

	POWERHUB 1800
Maximum Power	1800W
Continuous Power	1440W
Surge Rating	2880W
Output Current (continuous)	12V
Output Voltage	115Vac ±10Vac
Output Frequency	60Hz ± 1Hz
Output Waveform	Modified Sine Wave
Peak Efficiency	88%
No-load Battery Power Draw	<12W
No-load Battery Power Draw (unit off)	<3W
Input operating Voltage Range	<10.5 – 15.0Vdc
Fuse (resettable):	
AC Outlet	15A breaker
Fuse (user replaceable):	
Battery Box	10 x 20A
Transfer Time	<40ms
Operating Temperature Range	32°F – 104°F (0°C – 40°C)
Storage Temperature Range	-4°F – 140°F (-20°C – 60°C)
AC Receptable	4
AC Hardwire Terminal Block	15A (maximum)

## ELECTRICAL SPECIFICATIONS - CHARGER

	POWERHUB 1800
Output Current	0/10/40A
Output Voltage	
Charge	14.2Vdc
Float	13.7Vdc
Recharge	12.5Vdc
AC Input Voltage	115Vac 50/60Hz
Charger Efficiency	80% approximate
Charging Type	3-stage

## GENERAL SPECIFICATIONS

	POWERHUB 1800
Inverter Dimensions (H x W x D)	14.1 x 8.0 x 16.1" (358 x 203 x 410mm)
Battery Box Dimensions	13.9 x 13.9 x 20" (352 x 352 x 508mm)
Inverter & Battery Box Dimensions	14.1 x 21.9 x 20" (358 x 556 x 508mm)
Weight (Inverter)	27.3 lb (12.4 kg)
Weight (Battery Box)	29.0 lb (13.15 kg)
Part Number	PH1800-GFP

## REGULATORY COMPLIANCES

CSA C22.2 no. 107.1

Specifications are subject to change without notice.

### ACCESSORIES

Mfg Part #	Description
PH1800-BBX	PowerHub 1800 Additional Battery Box

NOTE: Contact Xantrex or your dealer to order these accessories.

## CONTACT

### CUSTOMER SERVICE

1.800.670.0707  
 customerservice@xantrex.com  
 Hours of operation:  
 6:30am - 4:30pm PST, Monday to Friday

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