



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
CUSTOMER CARE: 1.800.670.0707

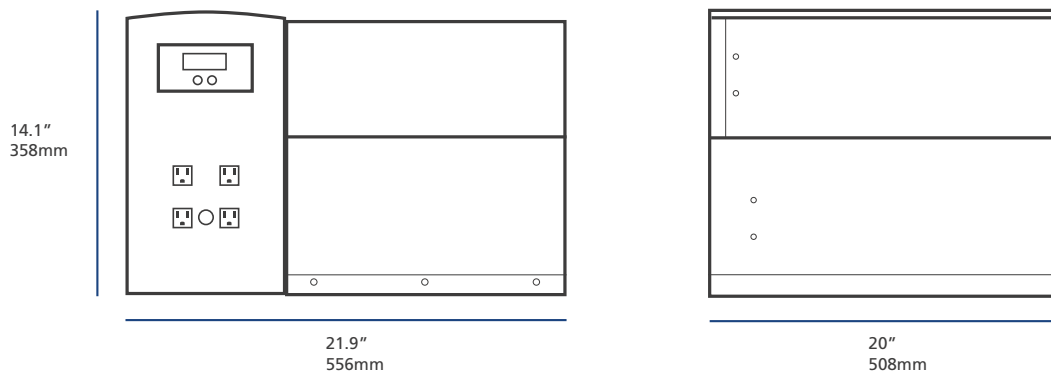


FRONT VIEW

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 \pm 10Vac
Output Frequency	60Hz \pm 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	PH-1800-GFP

REGULATORY COMPLIANCES

CSA C22.2 no. 107.1

Specifications are subject to change without notice.

ACCESSORIES

Mfg Part #	Description
PH-1800-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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