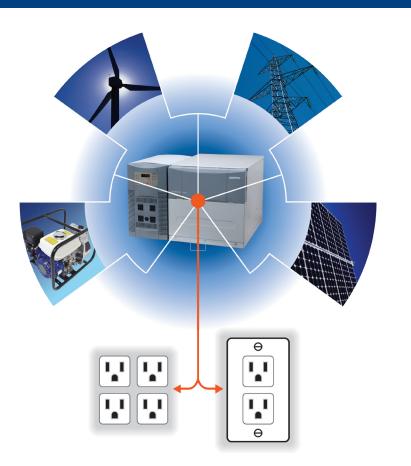
Xantrex PowerHub

Renewable Backup Power System 1800 Watts





Smart choice for power

A Clean, Green, Backup Power Solution

Have you ever wondered how to create your own renewable energy or backup power system for your home, business, cabin, or cottage? Introducing the Xantrex PowerHub, the first backup and renewable power system that allows you to independently create your own energy.

The PowerHub converts power stored in your deep cycle batteries to 1800 watts of household power to operate your essential applications. It provides an affordable, high output, primary power solution for an off-grid cottage or cabin, as well as backup power for grid-connected homes when the power goes out. Setting up this power system is simple and hassle-free with built-in fuses, breakers, and cables. The PowerHub is designed to be part of a system that allows you to easily connect to and charge your batteries with solar and wind inputs, and allows for pass-through generator output or generator charging of the batteries as well. And, its advanced automatic power transfer switching ensures your essential applications keep running in your grid-connected home should the power go out.

Product Features

- Modified sine wave inverter/charger with battery box
 - Single battery box stores up to 200 amp-hours of battery power (single battery box included; batteries purchased separately)
 - Double battery box stores up to 400 amp-hours of battery power (additional battery box 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
- Integrated transfer switch
- 40-amp three-stage charger
- Four AC outlets with hardwire option
- Two DC inputs for solar and/or wind connections
- Full-feature LED display for system monitoring
- MSRP \$899.00 USD

The Xantrex PowerHub offers something the market has never had before: an affordable, accessible, renewable power solution.

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Inverter Specifications	
Maximum power	1800 W
Continous power	1440 W
Surge rating	2880 W
Output current (continuous)	12 A
Output voltage	115 Vac +/- 10 Vac
Output frequency	60 Hz +/- 1 Hz
Output waveform	Modified sine wave
Peak efficiency	88%
No-load battery power draw	<12 W
No-load battery power draw (unit off)	< 3 W
Input operating voltage range	< 10.5 to 15.0 Vdc
Fuse (resettable):	
AC outlet	15 A breaker
Fuse (user replaceable):	
Battery box	10 x 20 A
Transfer time	< 40 milliseconds
Operating temperature range	32°F to 104°F (0°C to 40°C)
Storage temperature range	-4°F to 140°F (-20°C to 60°C)
AC receptacles	4
AC hardwire terminal block	15 A max

Battery Charger Specifications	5
Output current	0/10/40 A
Output voltage	
Charge	14.2 Vdc
Float	13.7 Vdc
Recharge	12.5 Vdc
AC input voltage	115 Vac 50/60 Hz
Charger efficiency	80% approximate
Charging type	Three-stage

Physical Specifications	
Inverter dimensions (H x W x D)	14.1 x 8.0 x 16.1" (35.8 x 20.3 x 41 cm)
Battery box dimensions	13.9 x 13.9 x 20" (35.2 x 35.2 x 50.8 cm)
Inverter & battery box dimensions	28 x 21.9 x 36.1" (71.1 x 55.6 x 91.7 cm)
Weight inverter	27.3 lb (12.4 kg)
Weight battery box	29.0 lb (13.15 kg)
Part number	PH-1800-GFP
UPC number	715535114626
Warranty	One year

Batteries not included. Specifications subject to change without notice.

Regulatory Approval

CSA C22.2 no. 107.1

Office Applications	Watts	Runtime
Laptop	65	22 h
nkjet printer	8	218 h 20 min
Cell phone	5	396 h
Table lamp	25	54 h 45 min
7" LCD monitor	35	49 h 50 min
able light 40 W	40	43 h
able light 60 W	60	26 h 40 min
mergency Power Applications	Watts	Runtime
ordless phone	5	396 h
lock radio	8	218 h 20 min
3″ CRT TV	50	30 h 10 min
0" LCD TV	370	3 h 20 min
ome Backup Power Applications	Watts	Runtime
8 cu. ft. fridge	120	15 h 25 min
.8 cu. ft. freezer	80	20 h 20 min
ump pump (1/2 hp)	300	4 h 29 min
ome alarm system	5	396 h
licrowave	1000	1h 43 min
Coffee maker	1200	1h

How long will it provide power?	Runtime ¹
Laptop, inkjet printer, modem and cordless phone	Up to 47 h
Cordless phone, 13″ TV, radio and table lamp	Up to 19 h
18.8 cu. ft. fridge and alarm system	Up to 13 h
¹ Runtime as measured on tested loads.	

Shipping Dimensions - Retail Package		
Package dimensions (H x W x D)	18.5 x 23 x 17" (47 x 58.4 x 43.2 cm)	
Package weight	57.5 lb (26.1 kg)	

