



# BDH-800

## Micro-Hybrid-Inverter

### Features

- Max. Charging power up to 1000w
- Plug and Play installation, Easy to install.
- Die casting design and glue filling technology, better thermal dissipation.
- Built in WiFi communication
- Suitable for 48V/51.2V Lithium battery
- IP67 outdoor design



The BDH-800 micro-hybrid inverter is a powerful and efficient way to power your home. It is also incredibly reliable, with robust construction and advanced safety features. It can be installed on the balcony of apartments, making it a convenient and space-saving solution for power needs.

It can be used in conjunction with a battery to store excess energy generated during the day. This energy can then be released to power home loads for later use, helping you to save money on your energy bills.

Model

BDH-800

PV Input   PV	BDH-800
Recommended. PV Module /W	600 x 2
MPPT Voltage Range /V	22-55
Startup Voltage /V	24
Max. Input Voltage /V	60
Max. DC Short Circuit Current /A	2 x 17
PV Overvoltage Protection Category	II
AC Output (On grid)	
Max. Continuous AC Output Power /VA	800 *
Rated AC Output Voltage /Vac	230
Max. Continuous Output Current /A	3.48
Nominal Frequency /Hz	50 / 60
Power Factor @ full load	>0.99 (at full load)
THD @ rated power	<5%(at rated power)
AC Overvoltage Protection Category	III
Max. efficiency /%	97.30%
DC Output (Battery)	
Battery Type	LFP
Battery Voltage /Vdc	40~60
Max Charge / Discharge current /A	30 / 20
Max Charge / Discharge power /W	1000 / 1000
Others	
Operating Ambient Temperature Range /	-40 ~+65
Relative Humidity Range	0-100%
Communications	WIFI(2.4G)
Protection Class	IP67
Cooling	Natural convection
Dimension (W*D*H) /mm	315 x 244 x 39
Weight /kg	4.5

\* Output power can convert to 600 through NEPViewer APP