

felicitysolar®

Make life full of hope

Portable Backup Power Solution

Features

- 3-in-1 Design: inverter, LFP battery, and MPPT controller in one unit.
- Long-term investment: achieve energy freedom and enjoy brighter life.
- Portable and Light: only 8.7kg, easy to carry and use anywhere.
- Long Battery Life: 8,000 cycles for lasting performance.
- Extended Runtime: powers small to medium devices for 2–3 days with 1kWh capacity.
- Plug & Play: just connect your devices and use instantly.
- Effective Heat Dissipation: equipped with ventilation holes.
- Dual Charging Options: charge via grid power or solar PV.
- Quiet and Eco-friendly: clean power without noise or pollution.



HOPE1000

Scenarios



Outdoor Activities



Household Loads

Guangzhou Felicity Solar Technology Co.,Ltd.

www.felicitysolar.com sales@felicitysolar.com

No. 2, Donghua Huaye Road, Renhe Town, Baiyun District, Guangzhou, China **(Only 10 Mins from Baiyun International Airport)**

Official Website

Facebook

Model	HOPE1000
Rated Power	250W
Rated Battery Capacity	1kWh
AC Input Voltage	150-264Vac
AC Input Frequency	45~55Hz
AC Charging Power	250W
AC Output Voltage	230Vac±10%
Operating Frequency	50Hz
PV Input Voltage	12-36V
Max. PV Input Power	200W
Battery	LiFePO4
Battery Capacity	314Ah
Shelf Time	1 Year (Fully-charged)
Weight	8.7kg
Dimension	210x130x288mm
Operating Temperature	0-45°C
Operating Altitude	<2000m
Humidity	95%
IP Level	IP20
Certifcatlon	UN38.3
Protection	Overcharge and overdischarge protection Overcurrent protection Overload protection Short circuit protection Fault protection

*Disclaimer: This product is currently in pilot production. Final specifications, design, and features may differ from those presented here.

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Product Display



1. On&Off Button
2. Status Indicators
3. AC Input port(220V,50Hz)
4. PV Input port(12-36V,200W)
5. AC Output port(220V,50Hz)

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