



- 2-in-1 pure sine wave inverter and solar MPPT charge controller.
- 2 USB 5V ports, 4 DX 12V ports, and two universal power sockets.
- Create a portable plug & play power system in your hands.

Miniature Portable Power Station

The Off-Grid 800W Mini creates your own power station where you can hold your energy security in your own hands. Generate, manage, and store your own electricity wherever you are with this portable 2-in-1 pure sine wave inverter and solar MPPT charge controller.

Plug in your household appliances to enjoy the comforts of home when camping while also supplying DC power to your RV. Get AC power for your trailer, cabin, or on the go.

The Off-Grid 800W Mini is the easiest way to manage backup power in a blackout or an emergency. Simply plug in essentials like refrigerators, lights, phones, or medical equipment to keep yourself safe and in-touch when the power grid goes down. No need to rewire your house.

Output Power	800W	Max Solar Module Input Voltage	12 - 22VDC 300Wp
Surge Power	1600W	AC Charger	12V 7A
Nominal Battery DC Input Voltage	12VDC	AC Charger Output Voltage	Fast: 14.0 - 15.1V; Float: 13.3-13.8V
AC Input Voltage	115V / 230VAC ± 5VAC	Accessory	3W LED Light with 5m Wire
AC Output Voltage	110~120V / 220~240VAC	Working Humidity	20-90% RH
Output Frequency	50 / 60 Hz ± 0.5%	Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Output Waveform	Pure Sine Wave (THD <3%)	Storage Temperature	-30°C ~ 70°C (-22°F ~ 158°F)
DC Input Voltage Range	10.0 - 16.0VDC	Cooling	Temperature Controlled Cooling Fan
DC Output Voltage	12VDC*4, 5VDC USB*2	Safety and EMI	UL458 LVD (EN60950)
Efficiency	88%	Dimensions	25.5 x 6.5 x 20 cm (10 x 2.6 x 7.9")
No Load Current	< 0.2A (24V)	Weight	3 kg (6.6 lbs)
Solar Charge Controller	30A	Warranty	18 Months
Max Solar Module Input	360W	Manufacturer	Cosuper Energy Technology Co., Ltd.