



Product Features

BMS Protection

Overcharge/Over-discharge Protection, Charge/Discharge Over-current Protection, Short-circuit Protection, Battery Voltage Self-balancing, High-temperature Discharge Cut-off.

High Capacity and Lightweight

The integrated inverter and controller design, along with the mobility and ease of installation, makes it an ideal choice for indoor power supply.

Wide Range of Applications

It is suitable for off-grid systems and household appliances.

Long Lifespan

Can be cycled up to 8000 times.

Easy Installation

The all-in-one design eliminates the need to purchase a separate inverter.

Smart Control



Nominal Voltage	12.8V
Energy	4019Wh
Dimensions (W*D*H)	397×237×440mm
Module Weight	37.5kg
AC Rated Capacity	2000W
Rated Output Voltage	208/220/230/240
Number of MPPT Channels	1
PV Max.Input Power	3000W
PV Max.Input Current	18A
PV Max.Open-Circuit Voltage	450Vdc
MPPT Operating Voltage Range	30~400Vdc
AC Input Voltage Range	90~280Vac
IP Rating	IP21
Environment Temperature	-10~60 °C
Noise	≤65dB
Cool	Air cooling
Internal Interface	RS485(BMS),RS232(WIFI),CAN
Battery Type	LFP
Nominal Battery Voltage	12.8Vdc
Max. Charging Current	100A
Discharging Current	150A
Safety Compliance	CE(ICE62109-1/2)
EMC	EN61000
RoHS	Included