

MAXDEPOER



All-in-one Battery System

Product Model
GN5000E

Product Features

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| <p>1 Elegant and stylish, floor installation.</p> <p>2 Built-in MPPT solar controller</p> <p>3 The priority level of photovoltaic, utility power and battery is selectable.</p> <p>4 Wide range of selectable mains input voltage.</p> | <p>5 Protection for over-discharge, overload, over temperature, short-circuit protection etc.</p> <p>6 Supports RS485/CAN/SNMP/Wifi/Bluetooth monitoring function.</p> <p>7 Built in lithium battery with extremely long life 6000 cycles.</p> |
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Electrical Characteristics

Model	GN5000E
AC Input	
Rated Input Voltage	208/220/230/240 VAC
Input Voltage Range	170~280VAC(For PC); 90~280VAC(For Home Appliances)
Frequency Range	50/60Hz(Auto Sensing)
AC Charging Current Range	80A
Max. Input Current	90A
PV Input	
Solar Charging Type	MPPT
PV Max. Input Power	5.5kW
MPPT Tracking Voltage Range	120~430 VDC
Max. PV Input Voltage	450 VDC
PV Charging Current Range	0~80A
Max. Charging Current	80A
Output	
Rated Output Power	5kW
Rated Output Voltage	(220V~240V)±5%
Output Frequency	50/60Hz±0.1%
Max. Output Current	22.7A
Peak Power	10000VA
Overload Capacity (Battery Mode)	1min@102%~110% Load; 10s@110%~130%Load; 3s@130%~150% Load; 200ms@150% Load
Peak Efficiency	>94% battery mode >99% line mode
Transfer Time	10ms
Battery	
Battery Energy	5.12kWh
Cell technology	LiFePO4
DOD	80%
Product General Data	
Designed Life-span cycle	6000
Communication Interface	RS232, RS485, CAN
Display	LCD Screen
Parallel Interface	N/A
Operation Environment Temperature	0~40 C
Storage Environment Temperature	-15~60 C
Environment Humidity	20%~95%
Operation Altitude	<3000m
Cooling Mode	Active Cooling
Noise Emission	<50db
Physical	
Product Dimensions(mm)	D245(stand303)*W550*H883 mm
Product Weight(kg)	72.5Kg