



HALOVOLT AC3600 8KWh Solar Generator

AC3600W/PV5000W/Battery8038Wh

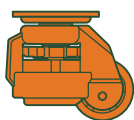


PRODUCT FEATURES



Multi-Protection:

Overload, overvoltage and short circuit protection



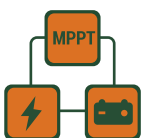
Mobility:

Movable power on wheels; Effortless relocation



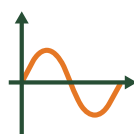
Quick Charge:

PV+AC fast charging, efficient energy storage



All-In-One System:

MPPT + Inverter + Battery integrated



High Performance:

Pure sine wave, UPS class switch time: <20ms



LCD Display:

Real-time status monitoring

TECHNICAL SPECIFICATIONS



PV INPUT

Max. Input Power	5000W
Max. Input Voltage	500Vdc
MPPT Voltage Range	40~450Vdc
Max. Input Current per MPPT	18A
Max. Charging Current	100A
Number of PV Input Ports	1
MPPT Efficiency	99%

AC INPUT

Rated Input Voltage	230Vac
Rated Input Frequency	50/60Hz
Input Frequency Range	40~70Hz
Input Voltage Range	90~280Vac
Max. Input Power (Charging+Load)	4600W

AC OUTPUT

Rated Output Power	3600W
Rated Output Voltage	230Vac
Nominal Output Frequency	50/60Hz
Waveform	Pure Sine Wave
Output Voltage Type	L/N/PE
UPS Switch Time	10ms
Overload Capacity	Bat+PV: long term@100%~102%Load

BATTERY PACK

Cell Type	LFP
Rated Voltage	25.6Vdc
Capacity	314Ah
Energy	8038.4Wh
Cycle Life	6000

GENERAL DATA

Operating Temperature	0~45°C (>40°C Power Derating)
Operating Humidity	20%~95% (Non-condensing)
Max. Operating Altitude	4000m (>1000m Power Derating)
Dimensions	400*246*771mm
Weight	70.0KG
Ingress Protection	IP31
Noise	≤55dB
Monitoring	WiFi (Optional)

PROTECTION

Overload Protection	√
Short Circuit Protection	√
Over Temperature Protection	√
Battery Overvoltage Protection	√
Battery Undervoltage Protection	√
PV Reverse Polarity Protection	√

