

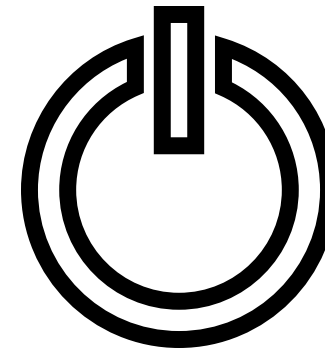


GLORIA ENERGY ASSETS CO. TAIWAN

Energy Storage w/ Dual Hybrid Inverter



Features



5
features

Restrain peak of
energy consumption

Power supply when
mains supply fails

Long cycle safe Li-ion
battery

Integrate of solar
generating and
energy storage

UPS function



Charge the ESS from PV module or when electricity rate is low, to be independent from grid utility and save your electricity bill.



Power supply for advertising board, social or business activity or other activities



Backup power supply for hospital, school and house when mains supply fails or disaster comes



Working power supply for agriculture, fishery, etc

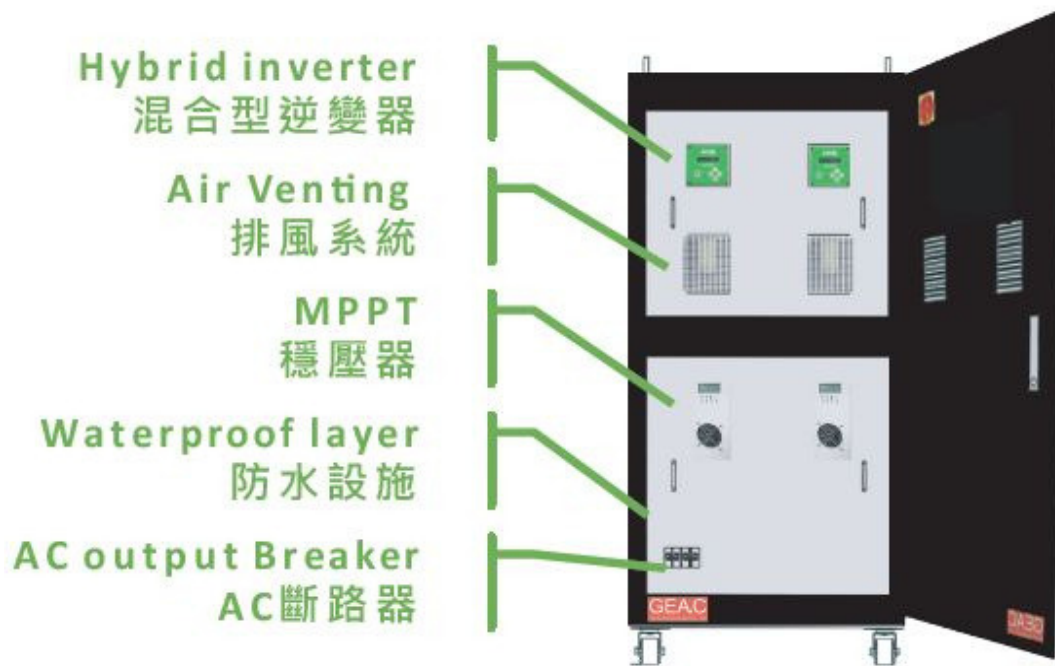


Power supply for electric power tool, temporary annunciator at construction site



Outdoor power supply for lighting, cooking during relaxation

Energy Storage



1

Dual Inverter

Two Inverters means increased stability, less maintenance longer lifecycle.

2

Battery: Lead Acid or Li-ion

Choose battery type Lead Acid or Li-ion depending on price range and requirement.

3

Connects to PV, Diesel, Grid

Our hybrid system works with Generators, Utility Grid and PV panels to deliver cost savings.

The Solution

1 Solar Panels

2 Energy Storage

3 Electric Meter

4 Utility Grid

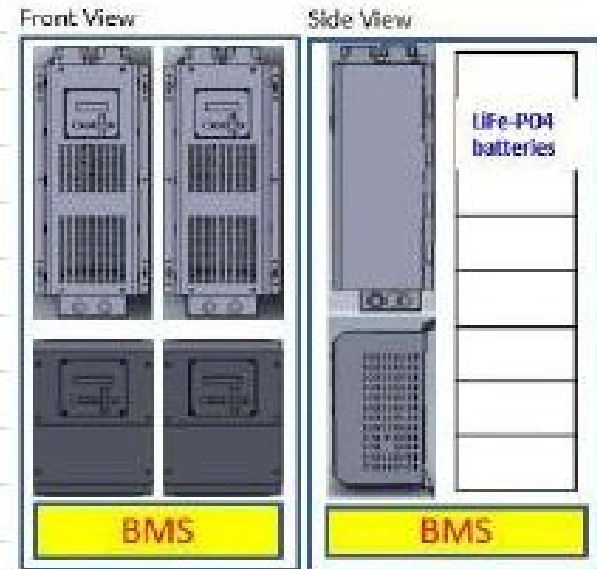
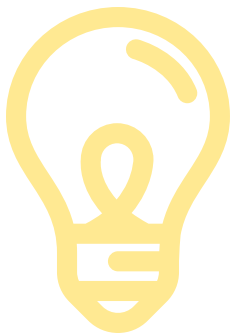
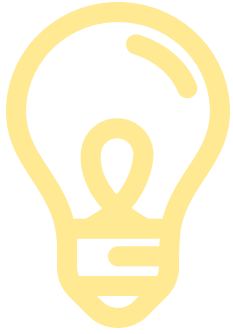
5 AC Loads

6 Wifi Network



Product Specification 3 Year Warranty

Item	Description		
Model	Energy Storage		
Capacity	4000 N+1		
Nominal Voltage	220/230/240		
Voltage Range (input)	220Vac : 190 to 250Vac 230Vac : 200 to 260Vac 240Vac : 210 to 270Vac		
Frequency	45 to 55Hz @ 50Hz mode 55 to 65Hz @ 60Hz mode		
AC Output			
Nominal Voltage	220/230/240Vac		
Frequency (Battery mode)	50/60 Hz \pm 1%		
Max. Efficiency	>90%		
THD	< 4 % typical		
Load Crest Factor Ratio	3 to 1		
Power Factor Allowed			
DC			
UV	40V		
OV	55V		
Max. Charge /Discharge Current	70Amps /Unit		
Max. Discharge Current	100Amps/unit		
PV Input			
Input Voltage Range	56~150Vdc		



Product Specification 3 Year Warranty

PV Input

Input Voltage Range 56~150Vdc

Charging Mode CC Mode, 55V, 60A Max/ unit

Battery

Nominal Voltage 51.2 Vdc

Battery Operating Voltage Range 40 ~55.2 Vdc

Type LiFePO4

Battery capacity 10KWh

Nominal capacity 195Ah

Cell used 26650

Configuration 16S62P

Maximum Charge /Discharge Current 200Amps

Charging Voltage @ 25°C(Default value)

It can adjusted via LCD 54.4Vdc

Environment

Forced Air Cooling Variable Speed

Overload Capacity 200% (shut down immediately)

Operation Temperature from -20 to +40°C

Humidity non-condensing 0 ~ 95%

Altitude 0~3000m



Ideal Energy Mix for 24/7 Power

