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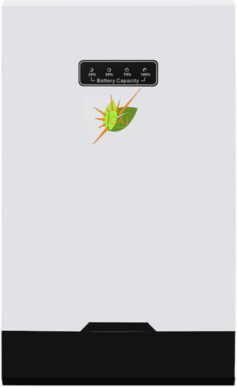
POWER WALL

4KWH 5KWH 6KWH

25%
50%
75%
100%
Battery Capacity
GAJ
SOLAR

Power Wall- 4KWH 5KWH 6KWH


25%
50%
75%
100%
Battery Capacity
GAJ

➤ Safety and Reliable

- High safety level of LiFePO4 battery cell
- Popular battery energy: 4KWH, 5KWH, 6KWH
- Long life cycle time >6000 cycles
- Advanced BMS protection functionality

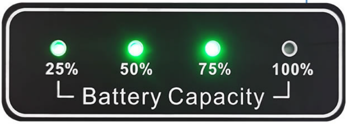
➤ Flexibility and Compatible

- Store energy from the grid or solar
- Total energy extends to 90KWH by parallel battery packs
- Installation: Floor / Wall mounted
- Monitor and Optimize by Smartphone App / computer (optional)

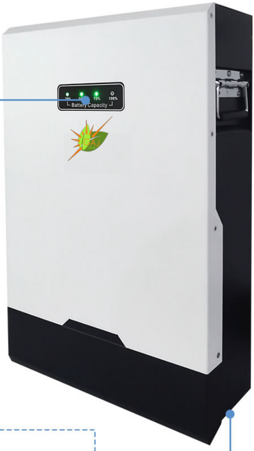
Product Details

➤ Key Features

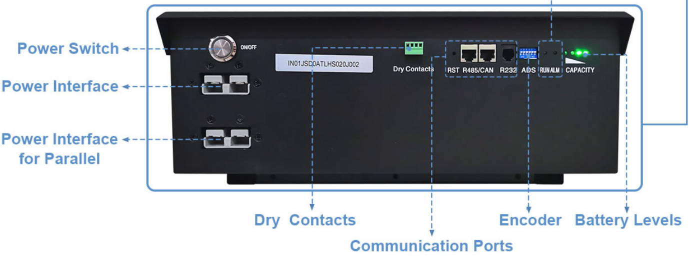
- Advanced BMS protection functionality
- Overcharge/overdischarge protection
- Short circuit protection
- One-key switch, safe and efficient.
- Support customization
- Match all inverter brands
- CE, RoHS, UN38.3


25%
50%
75%
100%
Battery Capacity

Power Indicators

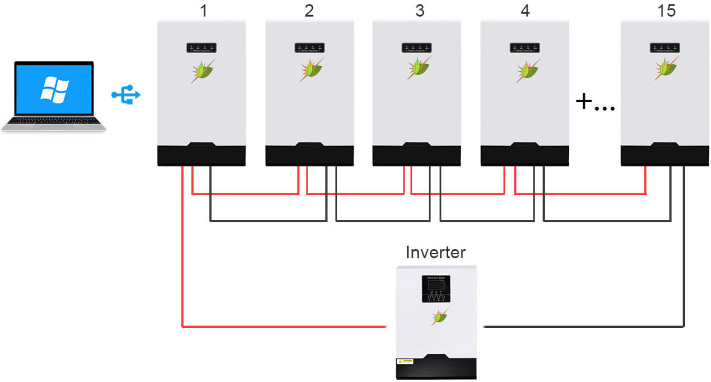

25%
50%
75%
100%
Battery Capacity
GAJ

Power Wall Status


Power Switch
Power Interface
Power Interface for Parallel
ON/OFF
IN01JSD0ATLHS020J002
Dry Contacts
RST
R485/CAN
R232
ADS
RUN ALM
CAPACITY
Dry Contacts
Communication Ports
Encoder
Battery Levels

Surpport 15 Units in Parallel

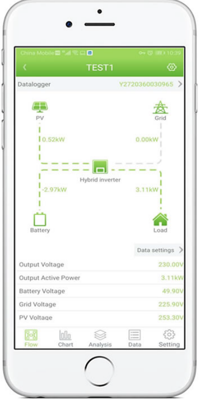
The number of parallel connections can be customized


1
2
3
4
15
+...
Inverter

Smart System WiFi Monitor

Monitor and Optimize by App (Optional Function)

Battery Capacity
Wi-Fi RTU
WiFi or 4G


TEST1
PV
Grid
0.52kW
0.00kW
Hybrid inverter
-2.97kW
3.11kW
Battery
Load
Flow
Chart
Analysis
Data
Setting

Datalogger Y2720360030965

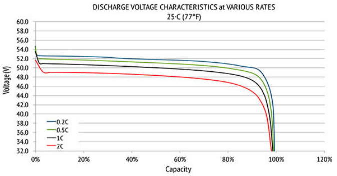
Data settings

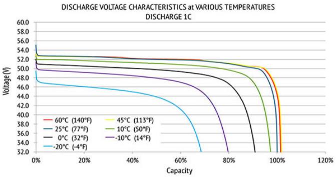
Output Voltage	230.00V
Output Active Power	3.11kW
Battery Voltage	49.90V
Grid Voltage	225.90V
PV Voltage	253.30V

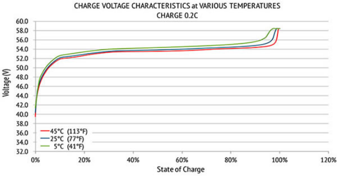
Technical Data

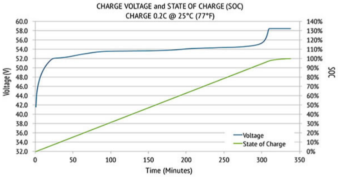
Specification	Description	Description	Description
Mode	BG4880	BG48100	BG48120
Total Energy	4KWh	5KWh	6KWh
Battery Type	LiFePO4		
Normal Voltage	51.2V		
Normal Capacity	80Ah	100Ah	120Ah
Max.Charge/ Discharge Current	100A	100A	100A
Cycle Life	> 6000cycle		
Communication Interface	CAN / RS232 / RS485		
App Remote control (optional)	4G, WiFi		
Dimension	635*400*155mm	795*420*165mm	795*420*165mm
Weight	45kg	55kg	65kg
IP Grade (optional)	IP 21 & IP65		
Inverter	Match all hybrid and off grid inverter brands in the world		
Installation	Floor/Wall mounted		
Warranty	5 years		
Supply Ability	5000 Pieces per Month		
Certificates	CE, RoHS,UN38.3,MSDS,ISO		

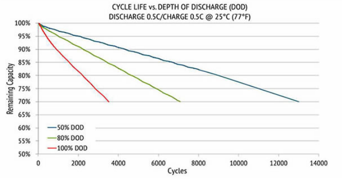
Performance Characteristics

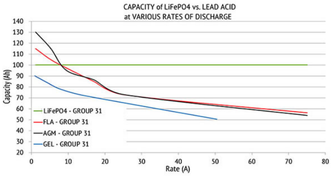

DISCHARGE VOLTAGE CHARACTERISTICS at VARIOUS RATES
25°C (77°F)


DISCHARGE VOLTAGE CHARACTERISTICS at VARIOUS TEMPERATURES
DISCHARGE 1C


CHARGE VOLTAGE CHARACTERISTICS at VARIOUS TEMPERATURES
CHARGE 0.2C

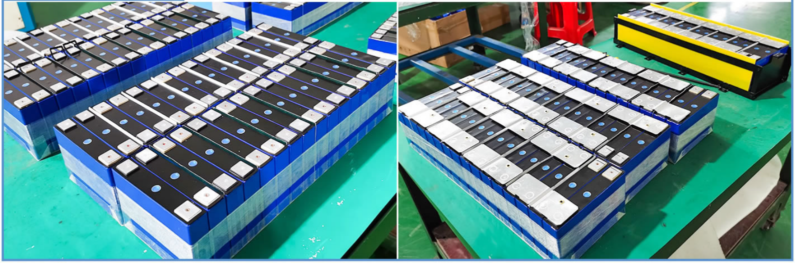

CHARGE VOLTAGE and STATE OF CHARGE (SOC)
CHARGE 0.2C @ 25°C (77°F)


CYCLE LIFE vs. DEPTH OF DISCHARGE (DOD)
DISCHARGE 0.5C/CHARGE 0.5C @ 25°C (77°F)

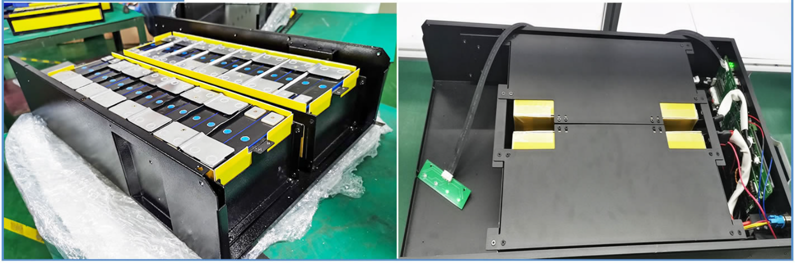

CAPACITY of LiFePO4 vs. LEAD ACID
at VARIOUS RATES OF DISCHARGE

Production Details

High Quality Battery Cell



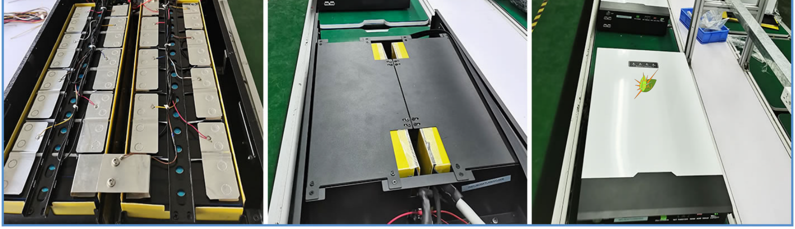
Compack Packing



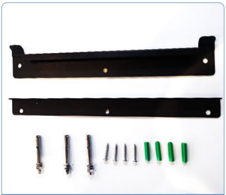
Testing Process

Hasee
TECHPOW
TECHPOW

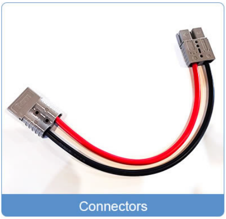
Production Line



Accessories



Bracket for Power Wall

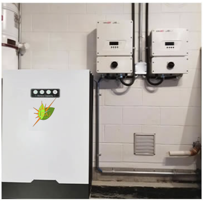


Connectors

Communication Cable (Optional)

Package

Applications



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