

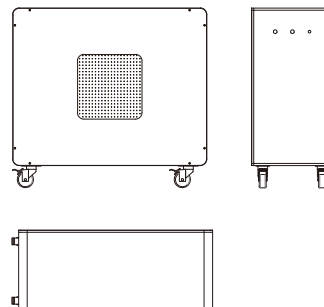


Products Description

Allgrand brand family energy storage system is on base of LiFePo4 battery, configured customized BMS, with features of high cycle index, long lifetime and suitable for application of charge-discharge everyday.

Oriented its application, Allgrand battery has special design and innovation in compatibility, energy density, power density, safety, operability and appearance which can take best applying taste to customers.

Product Appearance

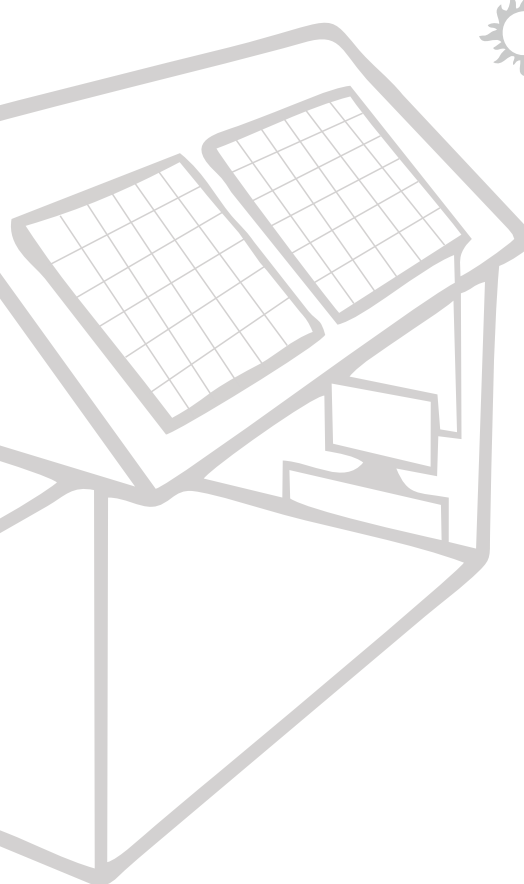


Product features

- ▣ Modular design, small volume, low weight.
- ▣ One key on-off, easy operating.
- ▣ Suitable for long time cycle of charge-discharge
- ▣ Multistage energy management
- ▣ Parallel operation, location automatically acquired, no manual operation
- ▣ Front connection & operation, convenient for installation and maintenance
- ▣ High performance processor, international brand fittings to guarantee high reliability.
- ▣ Various interface: RS485, RS232, CAN.
- ▣ High compatible BMS, perfectly jointed with inverter.

Certificates

- ☑ ISO9001:2015
- ☑ ISO14001:2015
- ☑ ISO45001:2018
- ☑ YD/T 2344.1-2011
- ☑ IATF16949:2016
- ☑ GB/T29490-2013
- ☑ GB/T31467.3-2015
- ☑ QB/T2947.3-2008



Technical Parameter

Items	Model	Basic Parameter	
Nominal Parameter	Nominal Voltage	51.2V	192V
	Nominal Capacity	5KWh	20KWh
Structure Parameter	Sizes (mm)	Custom sizes	600*600*1600
Electric Parameter	Charge Upper Limit Voltage	57.6V	216V
	End-off voltage	40V	150V
	Maximum Charge Current	50A	50A
	Maximum Discharge Current	100A	100A
Other parameters	Interface	RS485/CAN	
	Work Temperature	-20°C~60°C	
	Storage time	Charge one time after shut down for 3 months	
	Cycle lifetime	≥3000次 (80%DOD)	

Remark: Above parameters are tested in 25°C environment.

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