



MAX DISCHARGING POWER

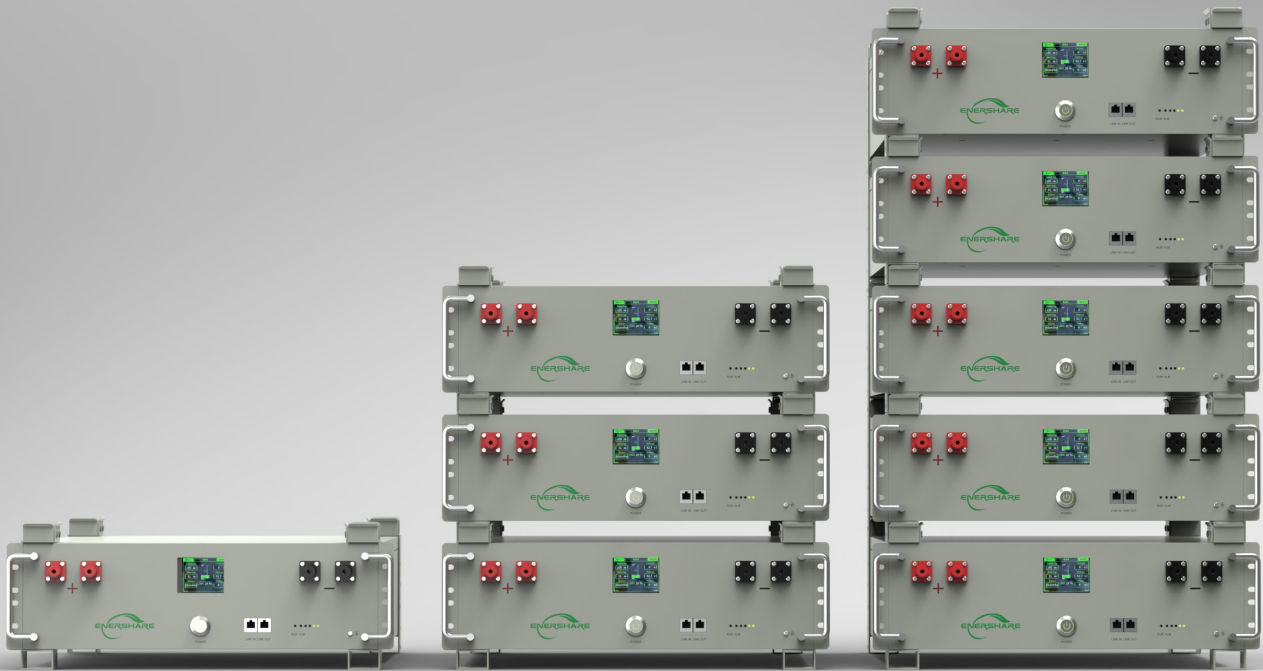
5120W / 15000W

PARALLEL CONNECTION

Max.32 Packs
Max to 163.84kWh

Digital Touch screen

Break through the boundaries, the future energy touch visible



Smart BMS 3U 51.2V 100Ah



Digital screen



Stack / Rack



Auto ID



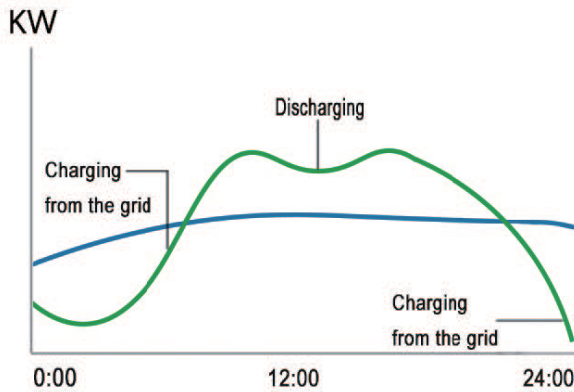
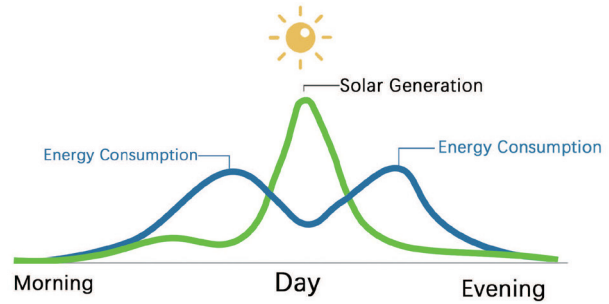
Max to 163.84kWh

- 01. Built-in smart BMS, Digital Touch screen, friendly front panel
- 02. LCD Screen display the battery voltage, current, temp, SOC detail information
- 03. Multiple Options: Stack mount, Rack mount
- 04. Auto ID Automatically assign any host
- 05. Smart balance with different SOC and voltages
- 06. Compatible with Market Leading Single Phase & three phase inverters.
- 07. Update software by RS485 port
- 08. Flexible capacity options, 5.12kWh-163.84 kWh
- 09. Stable performance and easy installation

1. How to save bill from Residential ESS ?

Self-Consumption Optimization

High energy demand in the morning and evening but solar generation is most sufficient during the Mid-Day. Battery Storage system balance the feeding and demands. Realize your grid independence.



2. Benefits from Peak Shaving

House: Load Shifting

Store the power during low-peak and use the energy at peak-time. Save the money which happens arising from peak rate.

Transmission & Distribution: peak Shaving

Save on the electricity bills by reducing peak demand

Datasheet (51.2V)

Battery Data	Smart100
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Usable Energy	5.12kWh
Operating voltage	43.2~58.4V
Charging / Discharging Current	100A Max
Rated discharging power	5120W
MAX discharging power	5120W / 15000W
General Data	
Dimension (W/D/H)	482*494*132mm
Weight	47Kg
IP Protection	IP20
Working Temperature	-10 °C~55 °C
Storage Temperature	-10°C~ 45°C
Features	
Cycle Life	>6000(25°C, 90%DOD)
Parallel Connection	Max.32 packs
Communication port	CAN2.0/RS485
Warranty	10 years

Compatible Inverter

