

# HESS

## *Household Energy Storage System*

### Compact.

High energy density and an elegant design ensures it will look good wherever it is installed.

### Simple.

A user friendly touch screen and plug and play connectivity allows for easy installation and interaction.

### Reliable.

A Heavy duty design, high cycle life and a 5 year warranty for your peace of mind.



Solarbatt's HESS series brings world-class battery storage to your home or business at an affordable price.

Compatible with many top brand hybrid inverters and chargers including Zeus Appollo, SolaX, Goodwe and more.

## BATTERY PACK SPECIFICATION



Battery Type	LiFePO4
Model No.	Batt-28L200
Battery Total Capacity	10.24kWh
Maximum Available Capacity	9.8kWh
Rated Voltage	51.2V
Rated Charging Current	100A
Rated Discharge Current	120A
Cycle Life	>2500 times @ 80% DOD (80% EOL)
Recommened Depth Of Discharge	80%
Working Temperature	0°C - 45°C
Relative Humidity	5% ~ 95% without condensation
Product Dimensions (mm)	710 x 278 x 640
Net Weight	150kg
Protection Level	IP21
Standby Power Consumption	2.8W
Maintenance	Charge the battery every 6 months when in storage or inactive

## BMS CONTROLLER SPECIFICATION

Equalizing Current	1.2A
Rated Output Voltage [DC]	46V ~ 56V
Maximum Output Current	150A/10min
Short-Circuit Protection	200A
Battery Low-Voltage Protection	2.8V Recover Voltage 3.05V
Battery Over-Voltage Protection	3.6V Recover Voltage 3.45V
Communication Interface	RS485/RS232

Compatible With  
Zeus Appollo Z21/ZA2 Series Hybrid Inverter  
Zeus Appollo Z22 On-Grid Upgrade System  
Goodwe ES Series  
SolaX X-Hybrid Series

