







HV LiFePO4 Battery System

Battery Solutions

Rack Type High Voltage Lithium Battery System 358.4V 200Ah 71.68KWH

-  **Safety & Reliable**
LiFePO4 & Smart BMS
-  **Optimal Electricity Cost**
Long cycle life and superior performance
-  **Compact Size & East Installation**
Module and Rack design for quick installation
-  **Expand capacity flexibly**
Parallel to expand capacity easily
-  **High compatibility BMS**
Seamless communication with most brands inverters
-  **Wide Applications:**
Self-Use, Peak Shaving, UPS, Backup, ESS, HESS, BESS,
Bank, Hospital, School, Base Station



Specifications(HV Rack Type Battery System)

MODEL	GRB-71.68H
Battery Type	LiFeP04(LFP)
Battery Module Data	
Battery Module	25.6V 200AH
Dimension of Battery Module	440*442*179mm
Weight of Battery Module	45KG
Battery System Data	
Nominal Voltage	358.4V
Nominal Capacity	71.68KWH
Usable Capacity (90%)	64.51KWH
Number of Modules	14PCS 25.6V 200Ah in series
Operating Voltage Range	313.6-392V
MAX Charge Current	100A
MAX Discharge Current	100A
Cycle Life	>6000Cycles, 25°C
Internal Resistance	≤30mΩ
BMS	
Power Consumption	<1.5W (Work) < 100mW(Sleep)
Monitoring Parameters	SOC, System voltage, current, cell voltage,cell temperature, module temperature
Communication	CAN/RS485
General	
Operating Temperature Range	-10°C -50°C
Transport or Storage Temperate Range	-20°C -45°C
Humidity	10% - 95% (No Condensing)
Design Life	15Years+

