



Modular high-voltage battery cabinet

Residential ESS

GSL-HV51280 14.34kWh Module

R115K / R143K / R172K/ R200K



Safe and reliable

Cathode material is made from LiFePO4 with safety performance and long cycle life



Flexible configuration

Multiple battery modules can be in parallel for expanding capacity and power



Convenient

Quick installation standard of 19 inch embedded designed module is comfortable for installation and maintenance



Intelligent BMS

protection functions including over discharge, over charge, over current and over high or low temperature



Eco friendly

The whole module is non toxic, non polluting and environmentally friendly



115kWh



143kWh

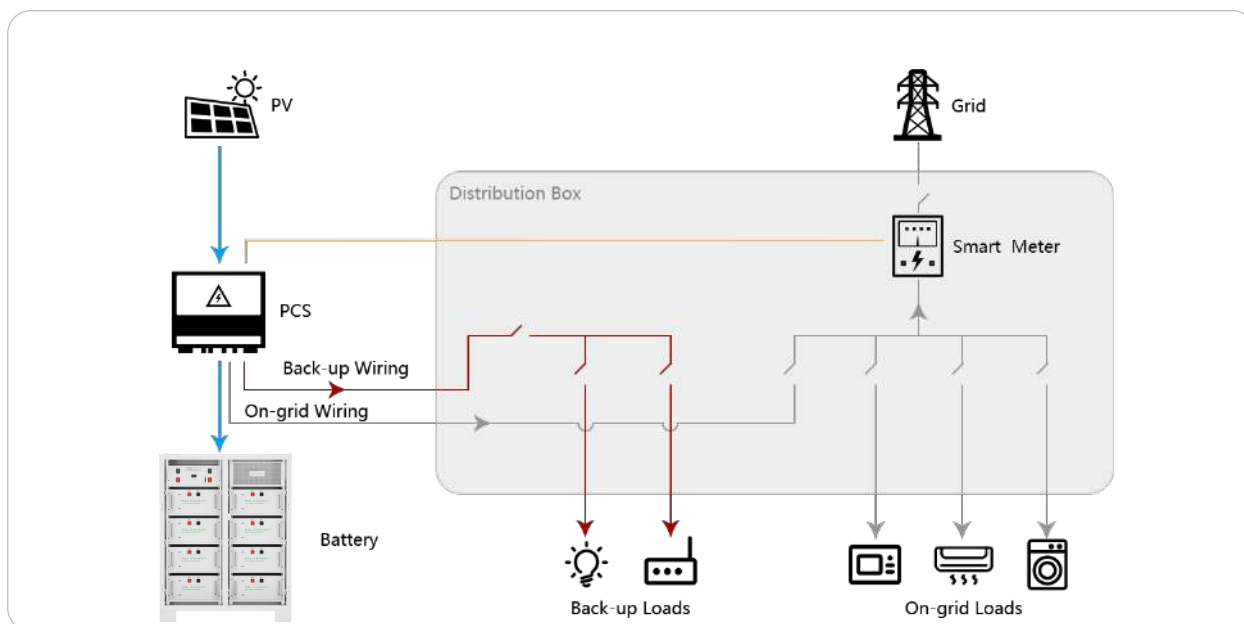


172kWh



200kWh

Datasheet



Model	R115K	R143K	R172K	R200K
Nominal Capacity (kWh)	114.72	143.4	172.08	200.76
Cell Matching	128S1P	160S1P	192S1P	224S1P
Nominal Voltage (V)	409.6	512	614.4	716.8
Working Voltage Range (V)	358.4-460.8	448-576	537.6-691.2	627.2-806.4
Weight (kg)	1165	1370	1624.5	1844.5
Dimension (WxDxH mm)	1200*1000*2200			
Battery Type	LFP(LiFePO4)			
Nominal Working Current	150A			
Communication Port	CAN/RS485			
Working Temperature Range	Charge:0-55°C/Discharge:-20-55°C			
Waterproof	IP20			
Installation Method	Floor-standing			
Cycle Life	6500			
Warranty Period	10 years			
Peak Charge/Discharge Current (@25°C,5S)	200A			
Discharge Rate of Module	≤ 3.5%/month/@25°C			