C&I Energy Storage Cabinet

Product Description

The C&I energy storage system has a simple structure and small footprint, suitable for industrial parks, commercial clusters and residential areas.

Multi-dimensional electrical protection and sensing, multi-level circuit protection, modular energy storage and high-voltage series BMS improve system stability.

The intelligent thermal control system keeps temperature difference <=5°C and increases battery cycle life by 12%.

Home ESS | Wind Power | Telecom | PV ESS

Industrial ESS | UPS Power | Mobile ESS







Specifications

Battery Specs	
Rated Voltage	438V
Rated Capacity	314Ah
Output Voltage Range	300V~438V
Rated Energy	120KWh
Max. Pulse Discharge Current	157A
Max. Continuous Charge Current	157A
Max. Continuous Discharge Current	157A
Charge Cut-off Voltage	420V
Communication	RS485/CAN

Battery System	
System Grouping	One Cluster in Parallel
Rated Power	PCS 30kw/PV 38.4kw
Rated Voltage	384V
DC Voltage Range	336~420V
Rated Energy	120KWh
Charge/Discharge Temperature	0~45℃ / -20~50℃
Storage Temperature	0~35℃
Humidity	RH≤80%
Cabinet Size (mm)	1200*1320*1850

Specifications

Parameter	
Rated Voltage	51.2V
Rated Capacity	1256Ah
Input/Output Power	24KW
Rated Energy	64KWh
Max. Charge/Discharge Current	800A
Battery Voltage Range	40~58.4Vdc
MPPT Operating Voltage Range	200~650Vdc
Output Current	34.8A
Cabinet Size (mm)	650*1350*1000

Parameter	
Battery Rated Voltage	102.4V
Rated Capacity	100Ah
Battery Rated Power	10.24KW
Battery Pack Voltage Range	80~116.8V
Battery Rack Voltage Range	480~700V
Std. Charge/Discharge Current	30A
Battery Rack Rated Voltage	614.4V
Battery Rack Rated Power	61.44KW
Cabinet Size (mm)	568*851.6*1550.6