51.2V 100Ah-HV

- Compact structure, save more space.
- Flexible layout, easy installation, operation and maintenance.
- BCU & BMU total secondary BMS intelligent management.
- Built-in protection off switch.
- WIFI module optional.
- Single set of string of 10 battery modules, max support 4 sets in parallel.
- Support OEM/ ODM.

51.2V 100Ah-HV

Model	ET-51.2V100Ah-HV						
Main Parameter							
Cell Chemistry	LiFePO4						
Module Energy	5.12kWh						
Module Nominal Voltage	51.2V						
Module Capacity	100Ah						
Module Dimension	355*567*150(W/D/H,mm)						
Module Weight Approximate	42.5kg						
Battery Module Qty In Series (Optional)	4	5	6	7	8	9	10
System Nominal Voltage	204.8V	256V	307.2V	358.4V	409.6V	460.8V	512V
System Operating Voltage	185.6~230.4V	232~288V	278.4~345.6V	324.8~403.2V	371.2~460.8V	417.6~518.4V	464~576V
System Energy	20.48kWh	25.6kWh	30.72kWh	35.84kWh	40.96kWh	46.08kWh	51.2kWh
System Usable Energy	18.43 (90%DOD)	23.04 (90%DOD)	27.65 (90%DOD)	32.26 (90%DOD)	36.86 (90%DOD)	41.47 (90%DOD)	46.08 (90%DOD)
Charge/Discharge Current	Recommend：50A						
	Max：50A						
Working Temperature	0~60°C						
Cooling Mode	Natural Cooling						
Communication Port	CAN/RS485						
Humidity	5%~85%RH						
Altitude	≤2000m						
IP Rating of Enclosure	IP21						
Dimension	355*567*830 (W/D/H,mm)						
Weight Approximate	185kg						
Iron Frame Dimension	355*567*1370(W/D/H,mm)						
Iron Frame Weight Approximate	45kg						
Installation Location	Stack Mounting，Iron Frame Mounting						
Storage Temperature	0~35°C						
Recommend Depth of Discharge	0.9						
Cycle Life	≥6000 times						
Warranty	5+5 years						
Certification	UN38.3,MSDS,CE,ROHS						
The current is affected by temperature and SOC							