NSTR-51.2V280Ah-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.
- The cooling fan plus the porous heat dissipation structure can effectively reduce the temperature.
- Standard color display and WIFI module.
- Support 4 sets in parallel.
- Support OEM/ ODM.

NSTR-51.2V280Ah-HV

Model	ET-51.2V280Ah-HV									
Main Parameter										
Cell Chemistry	LiFePO4									
Module Energy	14.34kWh									
Module Nominal Voltage	51.2V									
Module Capacity	280Ah									
Module Dimension	498*798*227(W/D/H,mm)									
Module Weight Approximate	116kg									
Battery Module Qty In Series	8(Optional)	9(Optional)	10(Optional)	11(Optional)	12(Optional)	13(Optional)	14(Optional)	15(Optional)	16(Optional)	17(Optional)
System Nominal Voltage	409.6V	460.8V	512V	563.2V	614.4V	665.6V	716.8V	768V	819.2V	870.4V
System Operating Voltage	371.2~460.8V	417.6~518.4V	464~576V	510.4~633.6V	556.8~691.2V	603.2~748.8V	649.6~806.4V	696~864V	742.4~921.6V	788.8~979.2V
System Energy	114.69 kWh	129.02 kWh	143.36 kWh	157.7 kWh	172.03 kWh	186.37 kWh	200.7 kWh	215.04 kWh	229.38 kWh	243.71 kWh
System Usable Energy	103.22 (90%DOD)kWh	116.12 (90%DOD)kWh	129.02 (90%DOD)kWh	141.93 (90%DOD)kWh	154.83 (90%DOD)kWh	167.73 (90%DOD)kWh	180.63 (90%DOD)kWh	193.54 (90%DOD)kWh	206.44 (90%DOD)kWh	219.34 (90%DOD)kWh
Charge/Discharge Current	Recommend：140A Max：170A									
Working Temperature	-10~55°C									
Cooling Mode	Fan Cooling									
Communication Port	CAN/RS485									
Humidity	5%~95%RH									
Altitude	≤2000m									
IP Rating of Enclosure	IP20									
Dimension (W/D/H,mm)	1048*831*1281	1048*831*1281	1048*831*1531	1048*831*1531	1048*831*1781	1048*831*1781	1048*831*2031	1048*831*2031	572*831*1531	1572*831*1531
Weight Approximate	1188kg	1304kg	1420kg	1536kg	1652kg	1768kg	1884kg	2000kg	2126kg	2242kg
Installation Location	Iron Frame Mounting									
Storage Temperature	0~35°C									
Recommend Depth of Discharge	0.9									
Cycle Life	≥8000 times									
Warranty	5+5 years									
Certification	UN38.3,MSDS				UN38.3,MSDS,CE				UN38.3,MSDS	
The current is affected by temperature and SOC										