Lithium Iron Battery Modules



Model	TF51100-U-HV	TF51280-R-HV
Rated Voltage	51.2V	51.2V
Rated Capacity	5.12KWh	14.3KWh
Using Energy	4.6KWh	12.9KWh
Working Voltage Range	44.8~57.6V	44.8~57.6V
Max Working Current	50A	140A
Peak Current (15s)	60A	200A
DOD	90%	90%
Size (L*W*H)	483*550*133mm/19*21.65*5.24mm	500*740*230mm
Weight	49Kg±1Kg	108Kg±1Kg
Cycle Life	>6000 times, 25℃@0.3C	>6000 times, 25℃@0.5C
Charge Temperature	0 ～ 50℃	0 ～ 50℃
Discharge Temperature	-20 ～ 60℃	-20 ～ 60℃
Single String Quantity (pcs)	16	16
Communication	CANbus, RS485	CANbus, RS485
Safety Standard	IEC 62619, UN38.3, CE, UL	IEC 62619, UN38.3, CE, UL

High Volt Control Unit (Master Box)

Model	TF1000-51100-U-HV	TF1000-51280-R-HV
Max Voltage	1000V	1000V
Max Current	100A	200A
Size (L*W*H)	483*550*133mm	500*740*230mm
Weight	16Kg±1Kg	20Kg±1Kg
ChargeTemperature	0 ～ 50℃	0 ～ 50℃
Discharge Temperature	-20 ～ 60℃	-20 ～ 60℃
Communication	CANbus, RS485	CANbus, RS485