Industrial and Commercial Energy Storage

Features

- Master BMS support Modbus RTU, CANBUS;
- Dry contactor communication;
- BMS support neutral connection (+&- Vdc);
- Internal & External power supply dual back-up;
- Smart charge and discharge protecting circuit;
- Automatic Insulation Detection;
- Pre-charge circuit;
- Mult-level protection;
- Operation Reliability 99.999%。



Power Cube 300V

Model	TF307100-HV-PC	TF307280-HV-PC
Rated voltage	307.2V	307.2V
Rated Capacity	30.7KWh	86KWh
Using Energy	27.6KWh	77.4KWh
Working Voltage Range	268.8~345.6V	268.8~345.6V
Max Working Current	50A	100A
Peak Current (15s)	60A	120A
DOD	90%	90%
Size (L*D*H)	350*600*2200mm	600*800* 2200mm
Weight	400Kg±5Kg	750Kg±5Kg
Cycle Life	>6000 times,25℃	>6000 times,25℃
Charging Temperature	0℃～+45℃	0℃～+45℃
Discharging Temperature	-20℃～+55℃	-20℃～+55℃
Communication	CANbus/RS485/RS232	CANbus/RS485/RS232
Safety Standard	IEC 62619, UN38.3, CE	UN38.3, CE

Power Cube 600V

Model	TF665100-HV-PC	TF665280-HV-PC
Rated voltage	665.6V	665.6V
Rated Capacity	66.5KWh	186.3KWh
Using Energy	59.9KWh	167.7KWh
Working Voltage Range	582.4~748.8V	582.4~748.8V
Max Working Current	50A	100A
Peak Current (15s)	60A	120A
DOD	90%	90%
Size (L*D*H)	700*600*1900mm	1100*800* 1900mm
Weight	750Kg±5Kg	1200Kg±5Kg
Cycle Life	>6000 times,25℃	>6000 times,25℃
Charging Temperature	0℃～45℃	0℃～45℃
Discharging Temperature	-20℃～55℃	-20℃～55℃
Communication	CANbus/RS485/RS232	CANbus/RS485/RS232
Safety Standard	IEC 62619, UN38.3, CE	UN38.3, CE