

HIGH VOLTAGE BATTERY

COMMERCIAL



Cell Chemistry	LiFePO4		
Module Energy (kWh)	5.12		
Module Nominal Voltage (V)	51.2		
Module Capacity (Ah)	100		
Battery Module Qty in series. (Optional)	”6 (Min)”	”8 Cluster”	”16 Cluster”
System Nominal Voltage (V)	307.2	409.6	768
System Operating voltage (V)	268.8~350.4	358.4~467.2	672~876
System Energy (kWh)	30.76	40.96	76.80
System Usable Energy (kWh)	27.68	36.86	69.12
Charge/Discharge Current (A)	Recommend	50	
	Max	100	
	Peak(2min,25°C)	125	
Working Temperature (°C)	Charge: 0~55/Discharge: -20~55		
Communication Port	CAN2.0/RS485/Dry Contact		
Humidity	5~85%RH		
Altitude	≤2000		
IP Rating of Enclosure	m IP20		
Dimension (W/D/H,mm)	Customized		
Weight Approximate (kg)	400 ~	500 ~	1000~
Installation Location	Rack Mounting		
Storage Temperature (°C)	0~35		
Recommend Depth of Discharge	90%		
Cycle Life	25±2°C, 0.5C/0.5C, EOL70%≥6000		
Warranty	5 years		