51.2V 100Ah,200Ah, 280Ah,314Ah

- Lower cost, flexible capacity options.
- Support OEM/ ODM.
- Built-in protection off switch.
- Intelligent BMS management.
- Flexible stack, save space.
- Excellent service life, 5 years warranty.

51.2V 100Ah,200Ah,280Ah,300Ah

Model	51.2V100Ah-LV	51.2V200Ah-LV	51.2V280Ah-LV	51.2V314Ah-LV
Main Parameter				
Battery Chemistry	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Nominal Capacity (Ah)	100	200	280	314
Nominal Voltage (V)	51.2V	51.2V	51.2V	51.2V
Operating Voltage(V)	46.4~57.6	46.4~57.6	46.4~57.6	46.4~57.6
Nominal Energy (kWh)	5.12	10.24	14.34	16.08
Usable Energy (kWh)	4.61 (90%DOD)	9.22 (90%DOD)	12.9 (90%DOD)	14.47 (90%DOD)
Scalability	Max. 15 pcs pack in parallel			
Rated DC Power(kW)	2.56	4.1	7.17	7.17
Max DC Power(kW)	4.1	6.14	10.24	10.24
Charge/Discharge Current (A)	Recommend:50	Recommend:80	Recommend:140	Recommend:140
	Max:80	Max:120	Max:200	Max:200
Other Parameter				
Recommend Depth of Discharge	0.9	0.9	0.9	0.9
Dimension (W/D/H,mm)	355*567*150	383*605*240	387*745*240	387*745*240
Weight Approximate(kg)	42.5	77	102.2	105.4
IP Rating of Enclosure	IP20	IP20	IP20	IP20
Operating Temperature	0℃~60℃	0℃~60℃	0℃~60℃	0℃~60℃
Storage Temperature	0℃~35℃	0℃~35℃	0℃~35℃	0℃~35℃
Humidity	5%~85%	5%~85%	5%~85%	5%~85%
Altitude	≤2000m	≤2000m	≤2000m	≤2000m
Cycle Life	≥6000 times	≥6000 times	≥10000 times	≥11000 times
Installation	Stack Mounting，Iron Frame Mounting			
Cooling Mode	Natural Cooling			
Communication Port	CAN,RS485，RS232			
Warranty Period	5+5 years			
Certification	UN38.3,MSDS,CE,ROHS	UN38.3,MSDS,CE,ROHS,IEC62619		
The current is affected by temperature and SOC				