

Wire Energy With Technology



38V 460Ah

SPECIFICATIONS



5 5-year
quality guarantee

67 Protection degree
up to IP67

38.4V 460Ah
1766Wh

Weight
115KG

Size
570x240x690mm

Safety Certified Via:

CE

UN38.3

MSDS

Lithium battery and storage system manufacturer



12V 100Ah
SPECIFICATIONS

Specifications		
Cell type	LFP prismatic Cell/LF-230	
Capacity	460 Ah	
Energy	17.6KWh	
Cell configuration	12S2P	
Nominal operation Voltage rang	38.4V	
Limited Charge Voltage	43.8V	
Nominal charge/discharge Current	230A (0.5C)	
Max. Charge/Discharge Current	460A(1C),< 30S	
Absolute discharge voltage limit	30V	
Cooling type	Natural Air	
Cycle Life @80 DoD,0.5C/0.5C,25°C	>3500 times	
IP rating for marine application	IP67	
Operation Temperature	-20°C~55°C	
Charge Temperature	0°C~ 55°C	
Discharge Temperature	-20°C~55°C	
Dimension	570X240X690	
Weight	115KG	
String configuration of single battery Rack		
Voltage	Modules in series	Energy
400V	9	158.9kWh
500V	12	211.9kWh
600V	14	247.3kWh
700V	16	282.6kWh
800V	18	317.9kWh
900V	21	370.9kWh
1000V	22	388.6kWh

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Battery Bank (Multi string), One MSCU could manage 10 strings parallel at max							
strings	400V	500V	600V	700V	800V	900V	1000V
1	158	211	247	282	317	370	388kWh
2	317	423	494	565	635	741	777kWh
3	476	635	742	847	953	1112	1165kWh
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10	1589	2119	2473	2826	3179	3709	3886kWh

