

ZEN Eco

(51.2V 105Ah)

Product Name : **ZEN Eco Residential Energy System**



ZEN Eco-51100A

ZEN Eco-51200A

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No.	Description	Specification			
1	Battery Models	ZEN Eco-51100A	ZEN Eco-51200A	ZEN Eco-51300A	ZEN Eco-51400A
2	Battery Type	LFP105-16S-1P	LFP105-16S-2P	LFP105-16S-3P	LFP105-16S-4P
3	Rated Energy	5.3 kWh	10.6 kWh	15.9 kWh	21.2 kWh
4	dimension(W*L*H)	(654x322x505) mm	(654x322x750) mm	(654x322x995) mm	(654x322x1240) mm
5	weigh	(62+5) kg	(105+5) kg	(148+5) kg	(191+5) kg
6	Rated Voltage	51.2V			
7	The max charge voltage	58.4V			
8	Cut-off discharge voltage	40V			
9	Max charging & discharge Current	100A			
10	Continuous charging & discharge Current	80A			
11	Operating temperature range				
	Charge	0°C~55°C			
	Discharge	-30°~55°C			
12	Optimal Operating Temperature Range	15°C~35°C			
13	Transport and Storage Temperature R ange				
	1 month	-40°C~45°C			
	6 months	-20°C~35°C			
14	Temperature and humidity range of working environments				
	Temperature	-30°C~55°C			
	Humidity	<65%RH(No condensation)			
15	Energy conversion efficiency	0.95			
16	BMS	Include			
17	Balanced Mode	Passive equalization			
18	Communication Mode	RS485/Ethernet/CAN2.0			
19	Cooling mode	Natural cooling			
20	IP Level	IP54			
21	Warranty conditions	10 years or 4000 cycles			