










LiFePO4 BATTERY EC SERIES

-  High quality lithium iron phosphate battery.
-  ≥ 6000 times deep cycle charge and discharge.
-  Super long warranty: 10 years warranty.
-  Big capacity with small volume for household.
-  BMS High class of safety with built-in BMS protection.
-  Support 12 pcs connected in parallel mode for expansion.
-  IP65 protection level.

Specification

MODEL	EC5000	EC10000
Total Energy	5.12KWh	10.24KWh
Usable Energy(90%DOD)	4.6KWh	9.2KWh
Capacity	100Ah	200Ah
Nominal Voltage	51.2V	51.2V
Voltage Range	48-57.6V	48-57.6V
Max Power	2.5KW	5.0KW
Peak Power(for 10 sec.)	5.0KW	10.0KW
Scalability	Up to 12 units in parallel	
Communication	CAN,RS485	
Enclosure Protection Rating	IP65	
Working Temperature Range	-10-50 °C	
Cycle Life	>6,000 Cycle@ 80% DOD/25°C/0.5°C, 60%EOL	
Warranty	10 years	
Certification	IEC62619, UL1973, UN38.3 ,CE	
Net Weight(KG)	43KG	86KG
Product Dimension(MM)	730*400*195MM	950*540*195MM

