

## TECHNICAL DATA

MODEL	ES W-48100	ES W-48200
Battery Type	LiFePO4 (lithium iron phosphate battery)	
Nominal Capacity	100Ah	200Ah
Nominal Voltage	51.2V	
Total Energy	5120Wh	10240Wh
Usable Energy	4800Wh	9600Wh
Charge Cut-off Voltage	57.6V	
Discharge Cut-off Voltage	48V	
Cont. Charge Current	50A	50A
Max Cont. Charge Current	100A	150A
Cont. Discharge Current	50A	50A
Max Cont. Discharge Current	100A	150A
Peak discharge Current (3S)	120A	170A
Communication Mode	RS485, CAN	
Ingress Protection	IP20	
Scalability	max 16pcs in parallel	
Lifespan (80% DOD)	≥6000 cycles, 25°C	
Compatible Inverters	Goodwe, Victron, SMA, Kosta, Fronius, Solis, Growatt, Sofar, Deye, Solar Ark, Outback, Voltronic, Pylontech optional, more brands will be announced	
Working Environment	-20°C-60°C, < 95% RH	
Storage Environment	-20°C~50°C, < 95% RH	
Operating Altitude	<2000m	
Weight	48KG	93KG
Size (WxDxH, mm)	436x140x512mm	436x140x873mm
Design Life	10 years	
Warranty Period	5 years (10 years optional)	