

# TECHNICAL DATA

MODEL	ES W-48100
Battery Type	LiFePO4 (lithium iron phosphate battery)
Nominal Capacity	100Ah
Nominal Voltage	51.2V
Total Energy	5120Wh
Usable Energy	4800Wh
Charge Cut-off Voltage	57.6V
Discharge Cut-off Voltage	48V
Cont. Charge Current	50A
Max Cont. Charge Current	100A
Cont. Discharge Current	50A
Max Cont. Discharge Current	100A
Peak discharge Current (3S)	110A
Communication Mode	RS232, 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
Size (WxDxH, mm)	432x175x501mm
Design Life	15 years
Warranty Period	5 years

