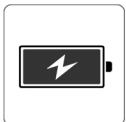


Off-grid AIO Energy Storage System

Our off-grid AIO energy storage system features with integrated AC charger, up to 80A charging current.

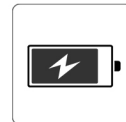
Our BMS communicates with inverters via CAN protocol, which increase systems stability and lifetime.



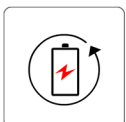
MPPT Max. Charge Current Up To 100A



Built-in BMS Increase System Stability



AC Charge Current Up To 80A



Battery Cycle Life ≥ 5000 Times



Remote Control Via Smart Phone

All-In-One Series

Model		ESS-5835
Inverter		
Rated Power	3500W	
Peak Power	7000W	
AC Input Voltage	230V (170-280V For Personal Computers, 90-280V For Home Appliances)	
AC Output Voltage	230±5%	
Bypass Transfer Time	10ms For Personal Computers, 20ms For Home Appliances	
Wave Form	Pure Sine Wave	
Frequency	50Hz/60Hz (Follow Grid)	
Battery		
Battery Type	LFP (LiFePO4)	
Battery Cell	CATL 3.2V/227Ah / 1P8S	
Nominal Capacity	25.6V/5.83kWh	
Cycle Life	>5000 Times @ 0.5C & 25°C	
Solar & AC Charger		
Max. PV Input Power	5000W	
MPPT Input Range	120V-450V	
Max. PV Charge Current	100Amp	
Max. AC Charge Current	80Amp	
Max. Total Charge Current	100Amp	
Dimension (L x W x H)	498mm x 320mm x 600mm	
Net Weight	60KG	
Gross Weight	70KG	

