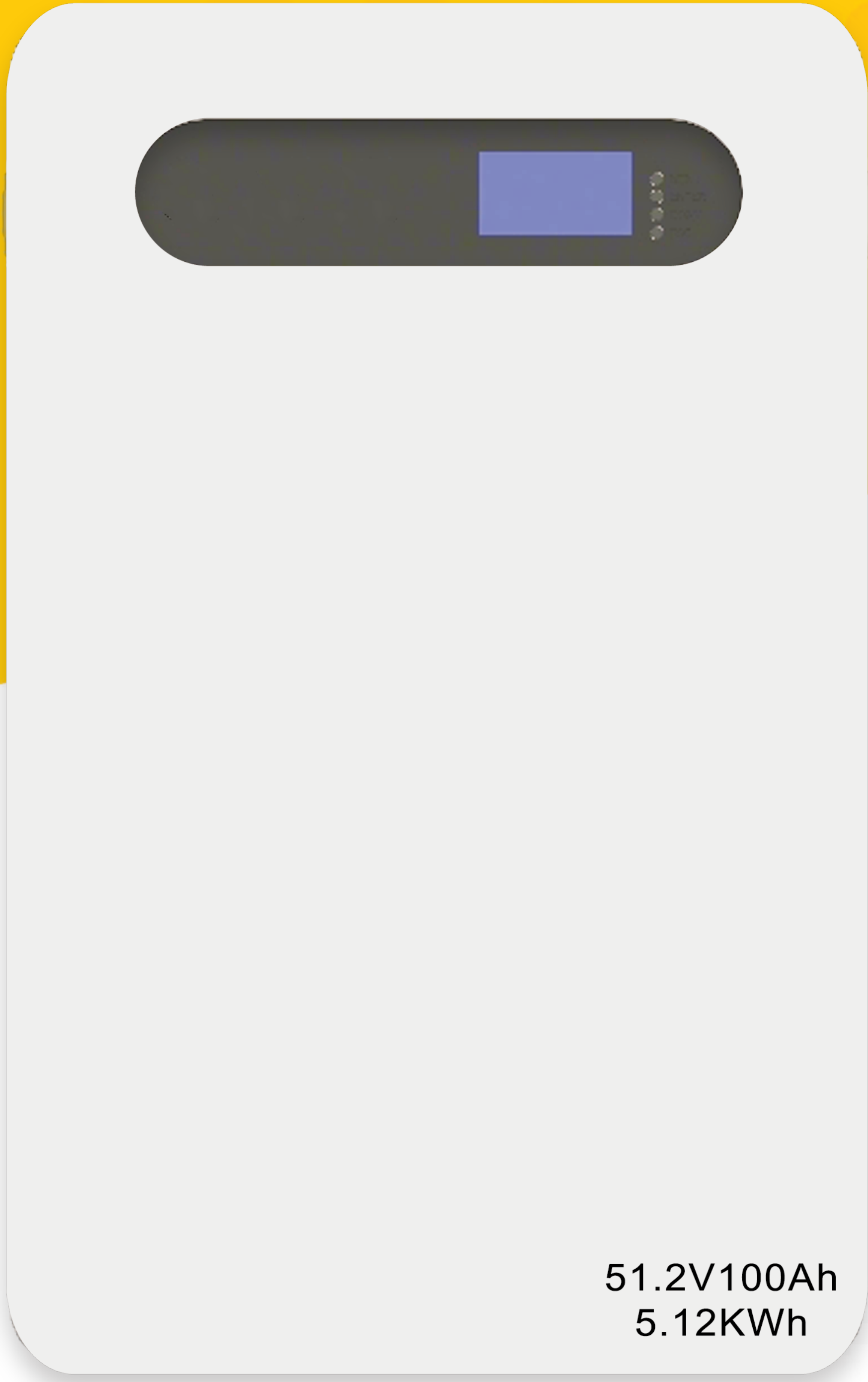


LOW VOLTAGE
BATTERY SERIES

RECHARGEABLE
LFP BATTERY

AU51100/200-W-IS



51.2V100Ah
5.12KWh



Safer to Use
High-density LiFePO4 battery



Long Battery Life
6000 cycles (DOD 80%)



Stable & Reliable
Advanced BMS management



Widely Compatible
Compatible with mainstream inverters



Touch Screen Control
Is available for this device



Bluetooth + WiFi
Real-time monitoring

Technical Specification

AU51100-W-IS		AU51200-W-IS	
BASIC INFORMATION			
Rated Capacity [kWh]		5.12	10.24
Nominal Capacity [Ah]		100	200
Rated Voltage [V]		51.2	
Operating Voltage Range [V]		43.2-58.4	
Life Cycles		≥8000 cycles (0.2C, @25°C, 80%DoD)	
Charging Voltage [V]		57.6-58.4	
Cut-off Voltage [V]		43.2	
Max. Charge Current [A]		50	200
Recommended Charging Current [A]		50	100
Max. Discharging Current [A]		100	200
Recommended Charging & Discharging Power		charge 0.5C	discharge 1C
Battery Type		LFP	
Depth of Discharge (DOD)		90%	
Nominal Battery Energy[kWh]		5.12	10.24
Usable Battery Energy[kWh]		4.6	9.21
Communication		RS485/CAN	
Protection Level		IP21	
Expansion		32	
GENERAL PARAMETERS			
Dimension (L×W×H) [mm]		630 *400*160	650 *520*250
Weight [kg]		45	92
Humidity		5%~95% Relative humidity	
Design Life		>10000cycles@25°C, 0.2C, 80%DOD	
Warranty Life		>8000cycles@25°C, 0.2C, 80%DOD	
Efficiency		≥99%	
TEMPERATURE PARAMETERS			
Discharging Temperature [°C]		-20~+60	
Charging Temperature [°C]		0~+55	
Storage Temperature [°C]		-10~+40	
Certification		UN38.3/CE/MSDS	