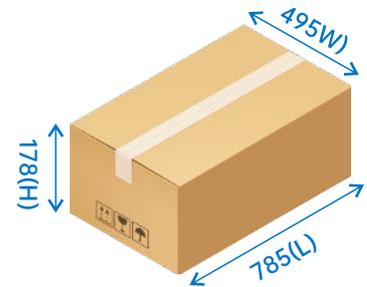


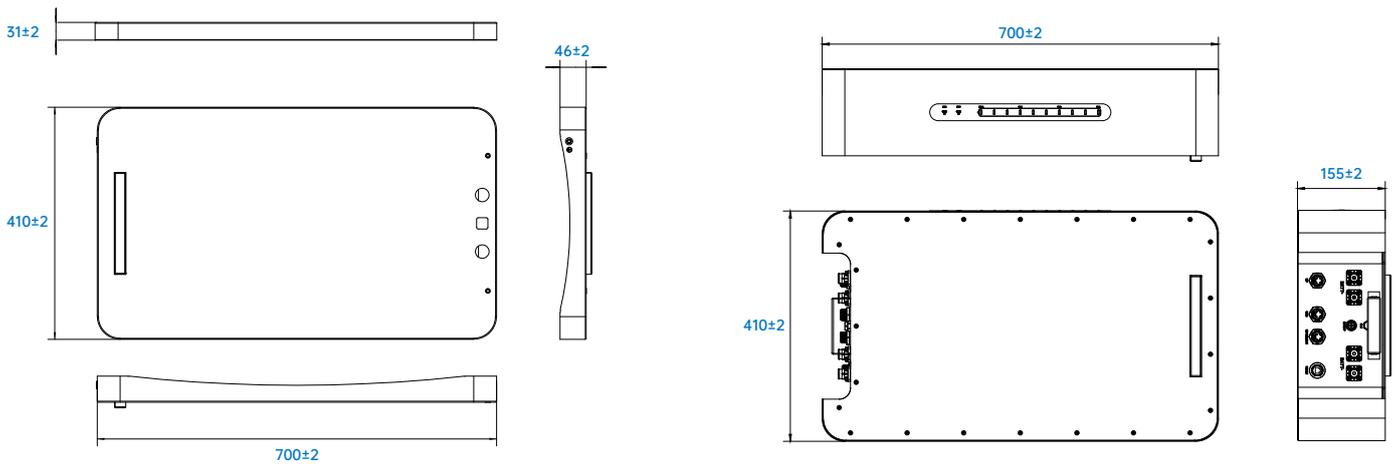
▶ Product Appearance



▶ Packaging Size



▶ Product Size



▶ Features

- A grade brand new prismatic LiFePO₄ cells
- > 6000 cycles @80% DOD(25°C, 0.5C)
- Over charge, over discharge, over temperature, low temperature, over current and short circuit protection
- LED less power consumption, high brightness, long visual distance
- Cell balance function
- Stack-mounted
- Certificate: UN38.3, MSDS, IEC62619
- Max 8 battery packs can be connected in parallel

► Electrical Characteristics

Single-cluster model	LFP5.12KWH51.2V-P65F1
Electrical Parameter	
Battery Type	LiFePO ₄
Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	100
Energy (Wh)	5120
Continuous Discharge Current (A)	50
Charge Cut-off Voltage (V)	57.6
Discharge Cut-off Voltage (V)	41.6
Max.Charge Current (A)	50
Max.Discharge Current (A)	100
Recommend Discharge Current (A)	50
Recommend Discharge Depth (%)	80
Cycle Life	> 6000 cycles (25°C, 0.5C) 90% DOD
Communication	RS485 R232 CAN
Environmental Parameter	
Charge&Discharge Temperature (°C)	Charge: 0°C~+55°C / Discharge: -20°C~+60°C
Optimal Storage Temperature (°C)	5°C ~ +35°C
Recommend Storage Humidity	40%~80%
IP Class	IP65
Mechanical Parameter	
Terminal	Quick-plug
Dimensions (W*H*D) (mm)	700*410*165
Weight (Kg)	50.2±0.5
Certification	UN38.3 MSDS IEC62619

Battery model	LFP 5.12KWH 51.2V-P65F1 (1P)	LFP 5.12KWH 51.2V-P65F1 (2P)	LFP 5.12KWH 51.2V-P65F1 (3P)	LFP 5.12KWH 51.2V-P65F1 (4P)	LFP 5.12KWH 51.2V-P65F1 (5P)	LFP 5.12KWH 51.2V-P65F1 (6P)	LFP 5.12KWH 51.2V-P65F1 (7P)	LFP 5.12KWH 51.2V-P65F1 (8P)
Pack Mode	1p	2p	3p	4p	5p	6p	7p	8p
Nominal Voltage (V)	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
Nominal Capacity (Ah)	100	200	300	400	500	600	700	800
Energy (Wh)	5120	10240	15360	20480	25600	30720	35840	40960
Dimensions (L*W*H) (mm)	700*410 *232.2	700*410 *387.2	700*410 *542.2	700*410 *697.2	700*410 *852.2	700*410 *1007.2	700*410 *1162.2	700*410 *1317.2
Weight (Kg)	62.1±0.5	112.3±0.5	162.5±0.5	212.7±0.5	262.9±0.5	313.1±0.5	363.3±0.5	413.5±0.5