

LITHIUM IRON PHOSPHATE (LiFePO4) BATTERY

ES-LI15.36KW-300AH

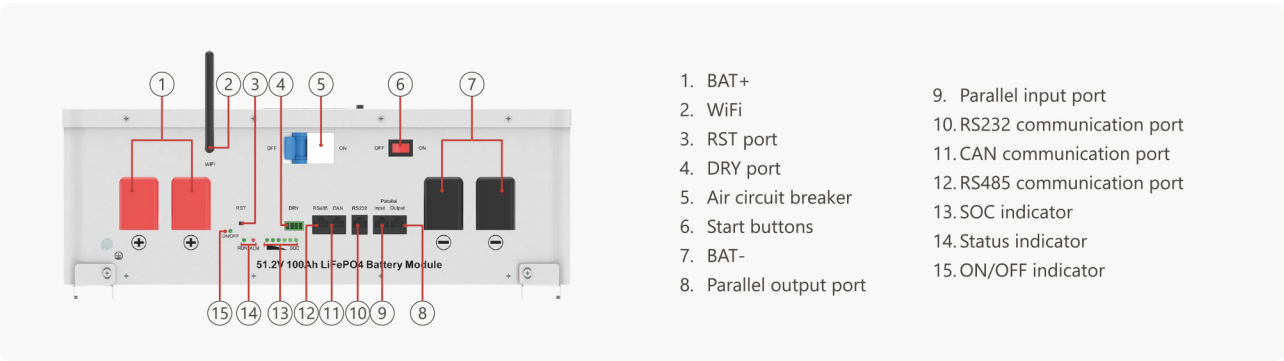


Plus Series offers a versatile and reliable power solution. Combine up to 40 units for energy capacities ranging from 2560Wh to 15360Wh. With WiFi Remote Monitoring, stay connected and in control. Whether it's wall-mounted convenience, stacked-mounting (up to 5 units) for space efficiency, or rack-mounted for industrial power management, this series offers seamless adaptability.



- 3-in-1: Wall-mounted, Stacked-mounted, Rack-mounted(optional)
- Large capacity, high power output
- Safest lithium iron phosphate battery cell with high energy density
- Modular design: supports up to 40 units in parallel
- Support CAN & RS485 communication with mainstream inverters
- Local monitoring via LCD monitor
- Built-in WiFi Smart BMS Module

Back panel description



Installation method



Technical Data		ES-LI15.36KW-300AH
Nominal Voltage		51.2V
Nominal Capacity		300Ah
Nominal energy		15360Wh
Max. output power		10KW
Life Cycles		6000 cycles @ 80% DOD, 25°C
Recommended Charge Voltage		58.4V
Recommended Charge Current		60A
End Of Discharge Voltage		44V
Standard Method	Charge	60A
	Discharge	150A
Maximum Continuous Current	Charge	200A
	Discharge	200A
BMS Cut-Off Voltage	Charge	58.4 V (3.65V/Cell)
	Discharge	44.0V (2.75V/Cell)
Temperature	Charge	0~50°C
	Discharge	-20~60°C
Storage Temperature		-5~35°C
Shipment Voltage		≥51.2V
Safety Function		Over-charge, Over-discharge, Over-current, Low/High-temperature, Short-circuit Protections
Module Parallel		Up to 40 units
Communication		CAN2.0/RS232/RS485
IP Protection level		IP21
Case Material		SPCC
Installation Mode		Vertical-mounted
Machine Dimension (W*H*D) (mm)		490*923*265
Package Dimension (W*H*D) (mm)	carton box	/
	wooden box	1000*450*565
N.W (kg)		117
G.W (kg)	carton box	/
	wooden box	137
* Variations in dimensions and weights may occur due to production batches.		
Charge Retention And Capacity Recovery Capability		Standard charge the battery, and then put aside at room temperature for 28d or 55°C for 7d, Charge retention rate≥90%, Recovery rate of charge≥90%
Warranty		5 years
Certification & Standards		CE-EMC (EN 61000-6-3: 2007+A1: 2011+AC: 2012 EN IEC 61000-6-1: 2019) IEC62619-1:2018; IEC62619:2022; IEC62619:2017; UN38.3/ MSDS

*The technical specifications of this document are subject to change without any notice