

Stackable LiFePO4 Battery

Advanced furniture design, supporting large installations in series & parallels:

Features:

1. Using brand new grade A prismatic cells, long lifespan in 15-20years;
2. Customie voltage from 100V-600V and any voltage demands;
3. Furniture cabinet design, more intelligent in style;
4. High discharge rate, while maintain high energy capacity.
5. Smart BMS supporting remote monitoring and real-time observation.

102V~409V household stackable lifepo4 battery series,



Parameter

Model Number	ESS-T10	ESS-T15	ESS-T20	ESS-T25	ESS-T30	ESS-T35	ESS-T40
Rated voltage	102.4V	153.6V	204.8V	256V	307.2V	358.4V	409.6V
Working voltage range	80-116.8V	120-175.2V	160-233.6V	200-292V	240-350.4V	280-408.8V	320-467.2V
Rated capacity	105AH						
Energy	1075WH	1613WH	215WH	2688WH	3226WH	3763WH	4300WH
Rated charge current	50AH						
Peak charge current	105A						
Rated discharge current	100A						
Peak discharge current	200A						
Charge temperature	0-55°C						
Discharge temperature	-10-55°C						
Optimum temperature	15-25°C						
Cooling method	Natural cooling						
Relative humidity	5%-95%						
Altitude	≤2000M						
Cycle Life	≥3500 times @ 80% DOD, 0.5C/0.5C, 25°C						
Communication interfaces	CAN2.0/RS485/Dry						
Protection	Over temperature, over current, over voltage, insulation and other multiple protection						
Display	LCD						
Design lifetime	≥10 years						
Certification	UN38.3/UL1973/EC62619						
Dimension (L*W*H)	580*430*400	580*430*600	580*430*800	580*430*1000	580*430*1200	580*430*1400	580*430*1600
Weight	115KG	160KG	205KG	250KG	295KG	350KG	395KG
Module	51.2V105AH						
Serial/Parallel	32S1P	48S1P	64S1P	80S1P	96S1P	112S1P	128S1P
Module dimension	580*430*200MM						
Module weight	45KG						
Number of modules	2PCS	3PCS	4PCS	5PCS	6PCS	7PCS	8PCS
Battery type	LiFePO4						

