

Battery Storage

PSTACK



9 Series per stack



20 Stack parallel



10 years warranty



Ultra safe LFP material



Short circuit protection



Flexible remote upgrade



Wide range inverter compatibility



High Voltage battery

Model	PSTACK
Scalable Connection	2~9 pcs series per stack, up to 20 stack parallel
Battery module nominal voltage	70.4 V
Battery module nominal capacity	72 Ah
Battery module nominal energy	5.069 kWh
Protection	IP65
Battery module voltage range	61.6 V ~ 80.3 V
Recommend charge / discharge current	36 A, 0.5 C per battery module
Max continuous charge / discharge current	50.4 A, 0.7 C per battery module
Max continuous charge / discharge power	3.548 kW per battery module
Series per stack	Max. 9 battery series, up to 45 kWh per stack
System expansion	10 stack parallel w / o extra device needed, 20 stack parallel with extra BAU installed
DOD	95%
Charging/Discharging temperature	0 ~ +55 ℃, -20 ~ +55 ℃
Recommend storage humidity	10% ~ 90% RH
Warranty *	10 years, 6000 cycles
Certification	CE UN38.3; IEC62619
Remote Maintenance	Flexible remote upgrade, Original firmware backup to prevent upgrade failure

*@25 ℃, 95 % DOD, 0.5 C testing condition

Battery Capacity	Voltage	Weight	Dimension
10 kWh	140.8 V	124 kg / 273.4 lbs	736 × 503.5 × 382 mm / 29.0 × 19.8 × 15.0 in
15 kWh	211.2 V	170 kg / 374.8 lbs	736 × 640.5 × 382 mm / 29.02 × 25.2 × 15.0 in
20 kWh	281.6 V	216 kg / 476.2 lbs	736 × 777.5 × 382 mm / 29.0 × 30.6 × 15.0 in
25 kWh	352 V	262 g / 577.6 lbs	736 × 914.5 × 382 mm / 29.0 × 36 × 15.0 in
30 kWh	422.4 V	308 kg / 679 lbs	736 × 1051.5 × 382 mm / 29.0 × 41.4 × 15.0 in
35 kWh	492.8 V	354 kg / 780.4 lbs	736 × 1188.5 × 382 mm / 29.0 × 46.8 × 15.0 in
40 kWh	563.2 V	400 kg / 881.8 lbs	736 × 1325.5 × 382 mm / 29.0 × 52.2 × 15.0 in
45 kWh	633.6 V	446 kg / 983.2 lbs	736 × 1462.5 × 382 mm / 29.0 × 57.6 × 15.0 in