

Battery Storage

PSTACK (High voltage)



Features



9 Series per Stack: Up to 45 kWh per stack



Remote Upgrade: Easy online updates



10 Years Warranty: 6000 reliable cycles



20 Stack Parallel: Expandable to large systems



Safe LFP Cells: Stable and fire-safe



High Voltage Battery: Higher efficiency and power



Short Circuit Protection: Built-in safety

Model	PSTACK
Scalable Connection	2 ~ 9 pcs series per stack, up to 20 stack parallel
Battery module nominal voltage	70.4V
Battery module nominal capacity	72Ah
Battery module nominal energy	5.069kWh
Protection	IP65
Battery module voltage range	61.6V ~ 80.3V
Recommend charge / discharge current	36A, 0.5C per battery module
Max. continuous charge / discharge current	50.4A, 0.7C 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°C, -20 ~ +55°C
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°C, 95% DOD, 0.5C 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 / 29.0 × 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	352.0 V	262 kg / 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