

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	2~9pcs 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 45kWh 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, 0.5C testing condition

Battery Capacity	Voltage	Weight	Dimension
10kWh	140.8V	124kg / 273.4lbs	736*503.5*382mm / 29.0*19.8*15.0 in
15kWh	211.2V	170kg / 374.8lbs	736*640.5*382mm / 29.02*25.2*15.0 in
20kWh	281.6V	216kg / 476.2lbs	736*777.5*382mm / 29.0*30.6*15.0 in
25kWh	352V	262g / 577.6lbs	736*914.5*382mm / 29.0*36*15.0 in
30kWh	422.4V	308kg / 679lbs	736*1051*382mm / 29.0*41.4*15.0 in
35kWh	492.8V	354kg / 780.4lbs	736*1188.5*382mm /29.0*46.8*15.0 in
40kWh	563.2V	400kg / 881.8lbs	736*1325.5*382mm / 29.0*52.2*15.0 in
45kWh	633.6V	446kg / 983.2lbs	736*1462.5*382mm / 29.0*57.6*15.0 in