

9
Series per stack

20
Stack parallel

10
Year warranty

POWER STACK

HIGH VOLTAGE

BETTER EFFICIENCY

// FEATURES

- 10 year warranty
- Ultra safe LFP material
- Short circuit protection
- Flexible remote upgrade
- Wide range inverter compatibility
- DC/AC wake up, double protection
- Plug & Play, quick install



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POWER STACK

Model	PowerStack
Scalable Connection	2~9pcs series per stack, up to 20 stack parallel
Battery stack nominal energy	10kWh 15kWh 20kWh 25kWh 30kWh 35kWh 40kWh 45kWh
Dimension	736*382*577 / 735 / 893 / 1051 / 1209 / 1367 / 1525 / 1683mm
Weight	110Kg/155Kg/200Kg/245Kg/290Kg/335Kg/380Kg/425Kg
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	3.548KW 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
Cycles	6000
Dod	95%
Charging/Discharging temperature	0 °C ~ +55 °C, -20 °C ~ +55 °C
Recommend storage humidity	10% RH~90% RH
Warranty *	10 year, 6000 cycles (*Conditions apply, refer to HINAESS Limited Warranty Terms)
Certification	CE UN38.3 IEC62619
Remote Maintenance	Flexible remote upgrade, monitor Original firmware backup to prevent upgrade failure

* @ 25 °C, 95% Dod, 0.5C testing condition