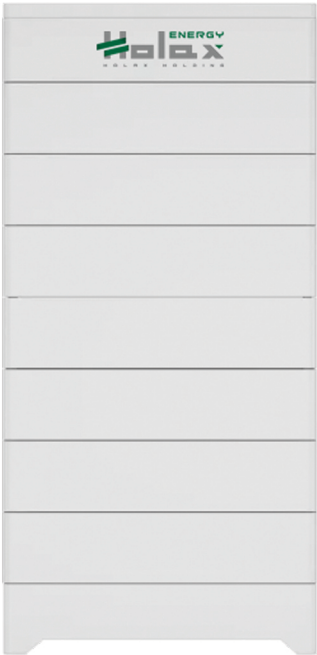




HLX-PESS

- Series per stack 8
- Ultra safe LFP material
- Wide range inverter compatibility
- Stack parallel 20
- Short circuit protection
- High Voltage battery
- 10 years warranty
- Flexible remote upgrade

Model	
Scalable Connection	2~8pcs 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
Max. series number per cluster	8 series
Cluster parallel	Up to 20 clusters, without extra unit needed
Charging/Discharging temperature	0 ~ +55 ℃ , -20 ~ +55 ℃
Recommend storage temperature	-10 ~ +35 ℃ (Max. range -30 ~ +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℃, 90% DOD. 0.5C testing condition

Battery Capacity	Voltage	Weight	Dimension
10kWh	140.8V	110kg / 242.5lbs	736*577*382mm / 29.0*22.7*15.0 in
15kWh	211.2V	155kg / 341.7lbs	736*735*382mm / 29.02*28.9*15.0 in
20kWh	281.6V	200kg / 440.9lbs	736*893*382mm / 29.0*35.2*15.0 in
25kWh	352V	245kg / 540.1lbs	736*1051*382mm / 29.0*41.4*15.0 in
30kWh	422.4V	290kg / 639.3lbs	736*1209*382mm / 29.0*47.6*15.0 in
35kWh	492.8V	335kg / 738.6lbs	736*1367*382mm /29.0*53.8*15.0 in
40kWh	563.2V	380kg / 837.8lbs	736*1525*382mm / 29.0*60.0*15.0 in