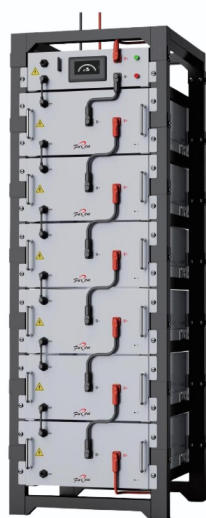


E-60H

Household energy storage system



Hybrid inverter



E-60H battery pack

Model	E-60H
PV parameter	
Maximum photovoltaic input power	60kW
Maximum photovoltaic input voltage	1000V d.c.
Starting voltage	200V d.c.
Maximum PV short-circuit current (per string)	8x30A d.c.
MPPT voltage range	150-950V d.c.
Maximum operating PV input current (per string)	8x20A d.c.
Number of MPPT trackers/group strings	4/2
Battery parameters	
Battery type	LiFePO4
Power consumption	61.44kWh
Capacity	100Ah
Voltage range	518.4-691.2V
Cycle life	≥8000 cycles (@25±2°C,0.5C/0.5C,80%DOD)
Battery protection	Overcurrent/Overvoltage/short circuit/Undervoltage/over-temperature
Communication method	CAN/RS485
Grid connection parameters	
Rated power	30kW
Rated voltage of power grid	380/400V a.c. 3L+N+PE
Rated frequency	50Hz/60Hz
Power factor range	0.8cap~0.8ind
Maximum continuous current	43A a.c.
Maximum output overcurrent protection	400V a.c./200A a.c.
Off-grid parameters	
Rated output active power	30kW
Rated output apparent power	30kVA
Rated output voltage	380/400V a.c. 3L+N+ PE
Maximum rated output current	43A a.c.
Rated output frequency	50Hz/60Hz
Maximum output overcurrent protection	400V a.c./78A a.c.
Conventional parameters	
Storage temperature	-25°C~+60°C
Working temperature	0°C~+45°C(Charging) -10°C~+55°C(Discharge)
Cooling method	Intelligent air cooling
Humidity	0-95%(Non-condensing)
Working altitude	2,000 meters
Noise emission (typical value)	<65 decibels
IP level	Converter :IP66 Battery :IP20
Equipment size(W*H*D)	Converter :544*880*278 Battery :576*582*1694