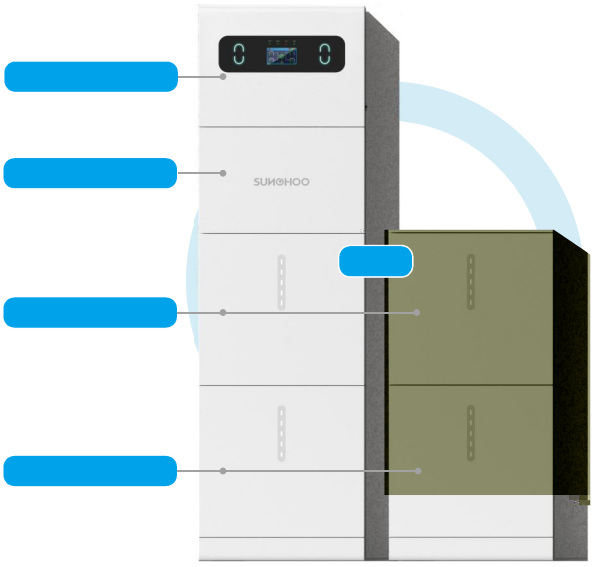
户用储能系统



[redacted]

HB1050EH48-5H 1050EH48-20H SERIES

MODEL	HB1050EH48-5H	HB1050EH48-10H	HB1050EH48-15H	HB1050EH48-20H
Output				
Rated Output Power	5000W			
Rated Output Voltage	220/230Vac			
Rated Output Frequency	50/60Hz Intelligent adaptive settable			
Rated Output Current	22A			
Max Grid connected Viewing Power	5500VA			
DC Component	0.5% In			
Grid Type	Single phase L/N/PE			
Output Power Factor cos	0.8 Rated power Adjustable 0.8 leading 0.8 lagging			
THDi	<3%			
THDu	2% Linear load			
Transfer Time	10ms Typical value			
Off grid Overload Capability	100% 110% 3min 110% 125% 1min 125% 10S			
Battery				
Battery Type	LiFePO4			
Battery Rated Voltage	51.2V 48V			
Battery Energy	5.12KWh	10.24KWh	15.3 KWh	20.4 KWh
Battery Capacity	100Ah	200Ah	300Ah	400Ah
Max Charing Discharing Current	100A			
DOD	90%			
Designed Life span	6000			
PV Input				
Max Input Power	6000W			
Max PV Open circuit Voltage	550Vdc			
MPPT Input Voltage	30Vdc 125-500V			
Max PV Input Current	13A/13A			
Number of MPPT Strings per MPPT	2/1/1			
Effciency				
Max PV Conversion Efficiency	97.6%			
European Efficiency	97%			
MPPT Efficiency	>99%			
General Parameters				
Dimension W D H mm	540*190*1300	540*190*1100	540*190*1300	540*190*1100
Weight kg	70kg	120kg	170kg	200kg
Communication Mode	RS485/CAN/DRM Optional 4G/WIFI/GPRS			
Display	Touch Screen/LED			
Surge Protection	DC Type II AC Type III			
Operating Ambient Temperature	25°C 0°C 45° Derating			
Humidity	0 100%			
Protection Degree	IP65			

Specifications are subject to change without advance notice