

SUM

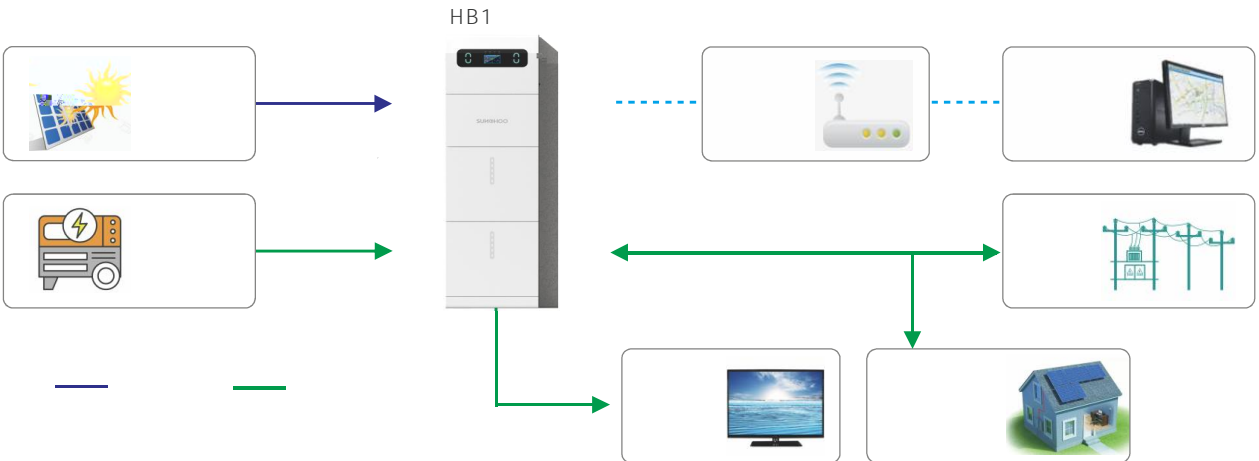
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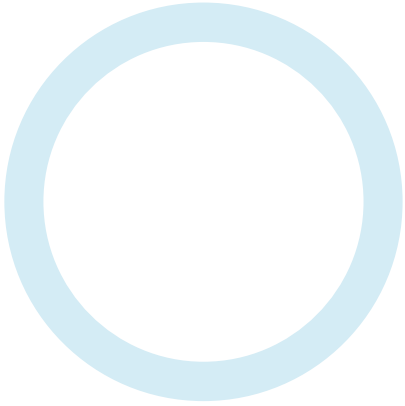
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1.5 GSR









HB1050EH 48-5H 1050EH 48-20H SERIES

MODEL	HB1050EH 48-5H	HB1050EH 48-10H	HB1050EH 48-15H	HB1050EH 48-20H
Output				
Rated Output Power	5500VA/5000W			
Rated Output Voltage	220/230Vac			
Rated Output Frequency	50/60Hz(±5) Intelligent adaptive/Settable			
Rated Output Current	22.7A			
Max Grid-connected Viewing Power	5500VA			
DC Component	0.5% In			
Grid Type	Single-phase L+N+PE			
Output Power Factor(cos)	0.99 @ 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 16S			
Battery Energy	5.12KWh	10.24KWh	15.36KWh	20.48KWh
Battery Capacity	100Ah	200Ah	300Ah	400Ah
Max Charing/Discharging Current	100A			
DOD	80%			
Designed Life-span	5000			
PV Input				
Max Input Power	6500W			
Max PV Open-circuit Voltage	550Vdc			
MPPT Input Voltage	370Vdc(125-500V)			
Max PV Input Current	13A+13A			
Number of MPPT / Strings per MPPT	2/1+1			
Efficiency				
Max PV Conversion Efficiency	97.6%			
European Efficiency	97.0%			
MPPT Efficiency	99%			
General Parameters				
Dimension. W*D*H(mm)	540*190*1300	540*190*1800	540*190*1300	540*190*1800
Weight (kg)	80kg	120kg	160kg	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 – 60°C(45 Derating)			
Humidity	0-100%			
Protection Degree	IP66			

Specifications are subject to change without advance notice.