

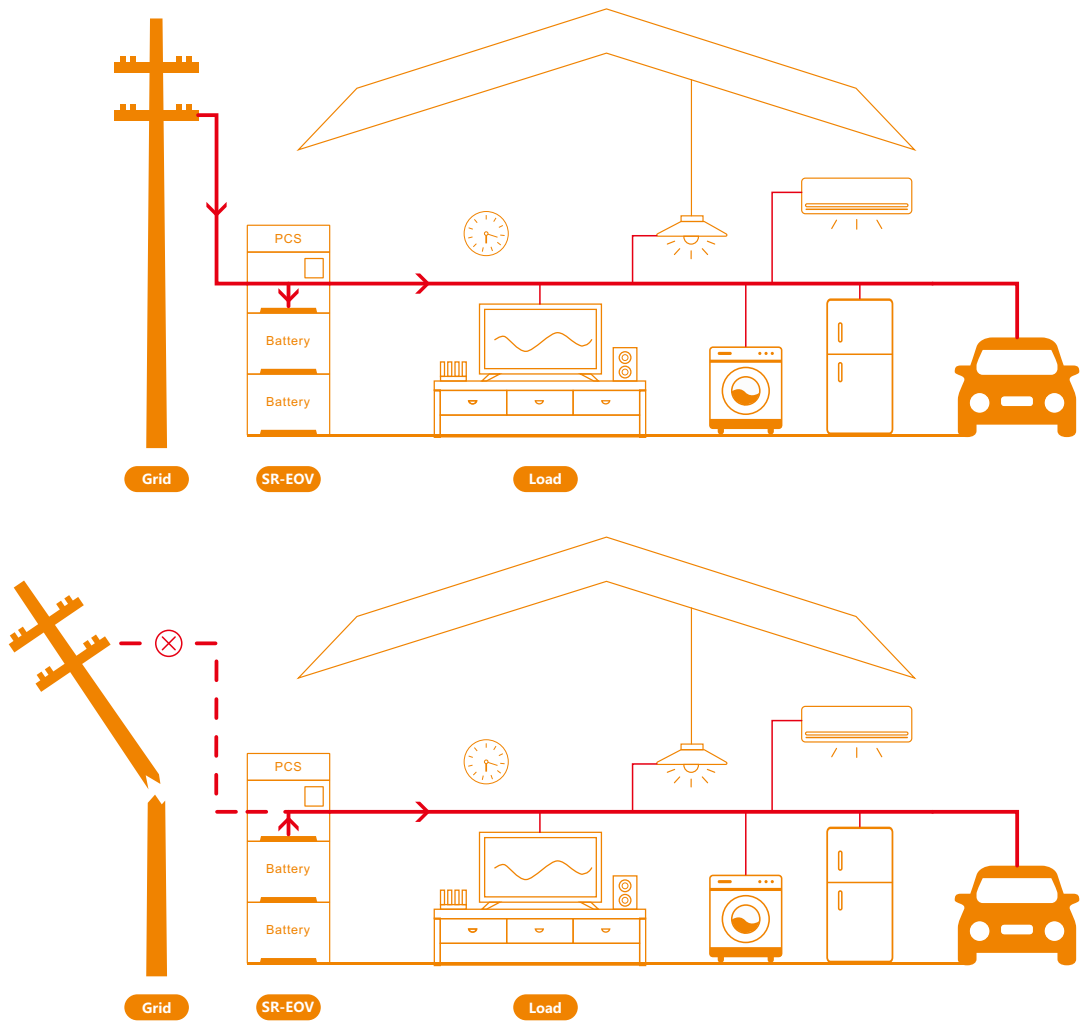
Parameter specification



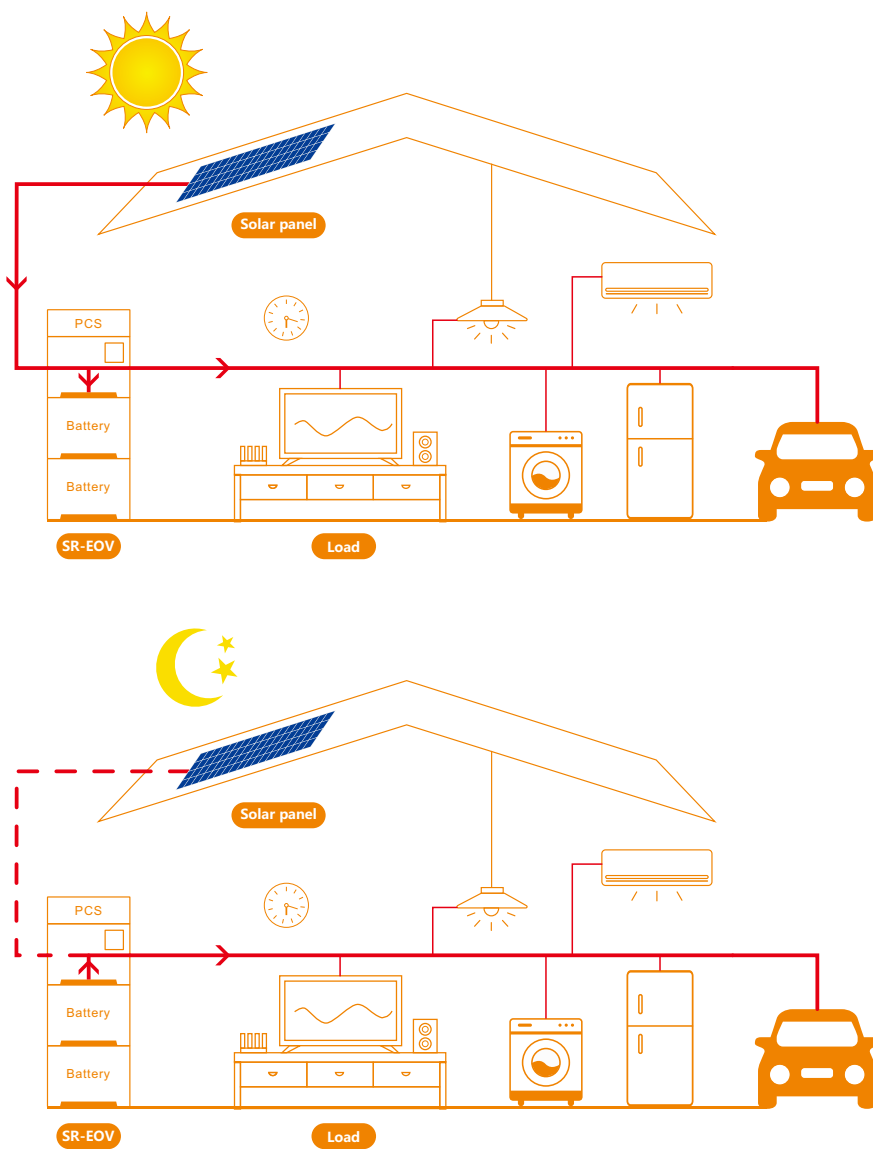
	SR-EOH48-5.0U-S1	SR-EOH48-10.0U-S1	SR-EOH48-15.0U-S1	SR-EOH48-20.0U-S1
BATTERY				
Battery Module	1	2	3	4
Battery Energy	5.12kWh	10.24kWh	15.36kWh	20.48kWh
Battery Capacity	100AH	200AH	300AH	400AH
Weight	80kg	133kg	186kg	239kg
Dimension L× D× H	710×450×400	710×450×600	710×450×800	710×450×1000
Battery Type	LiFePO4			
Battery Rated Voltage	51.2V			
Battery Working Voltage Range	44.8 ~ 57.6V			
Maximum Charging Current	100A			
Maximum Discharging Current	100A			
DOD	80%			
Parallel Quantity	4			
Designed Life-span	6000			
Operating Temperature	Charge : 0 ~ 45°C Discharge : -10 ~ 45°C			
Operation Humidity	5% ~ 85%			
Nominal Operation Altitude	< 2000m			
Cooling Mode	Force-Air Cooling			
Noise	60dB(A)			
Ingress Protection Rating	IP20			
Recommended Operation Environment	Indoor			
Installation Method	Horizontal			
PV CHARGE				
Solar Charge Type	MPPT			
Maximum Output Power	5KW			
PV Charging Current Range	0 ~ 80A			
PV Operating Voltage Range	120 ~ 500V			
MPPT Voltage Range	120 ~ 450V			
AC CHARGE				
Maximum Charge Power	2100W			
AC Charging Current Range	0 ~ 40A			
Rated Input Voltage	110/120Vac			
Input Voltage Range	90 ~ 140Vac			
AC OUTPUT				
Rated Output Power	5KW			
Maximum Output Current	50A			
Frequency	60Hz			
Overload Current	55A			
BATTERY INVERTER OUTPUT				
Rated Output Power	5KW			
Maximum Peak Power	10KVA			
Power Factor	1			
Rated Output Voltage (Vac)	120Vac			
Frequency	60Hz			
Auto Switch Period	< 15ms			
THD	< 3%			
GENERAL DATA				
Communication	RS485/CAN/WIFI			
Storage time / temperature	6 months @25°C;3 months @35°C;1 months @45°C;			
Charging temperature range	0 ~ 45°C			
Discharging temperature range	-10 ~ 45°C			
Operation Humidity	5% ~ 85%			
Nominal Operation Altitude	< 2000m			
Cooling Mode	Force-Air Cooling			
Noise	60dB(A)			
Ingress Protection Rating	IP20			
Recommended Operation Environment	Indoor			
Installation Method	Horizontal			
Certification	UN38.3,MSDS,EN55032,EN55024,EN61000-3-2,EN61000-3-3			

Classic working mode

Without PV Panel



Without Grid



Classic working mode

Complete system

