

SunPro48 Series

Vertical Energy Storage System



51.2V



5.12 kWh



1-4 units



WIFI



IP20

Intelligent

- The inverter has a variety of working modes. Whether it is used for main power supply in the area without electricity or backup power supply in the area with unstable power to deal with sudden power failure, the system can respond flexibly

Scalability

- You can use 4 batteries in parallel at the same time, and can provide a maximum of 20kwh for your use

Safety

- High quality lithium iron phosphate cells
- Proven Li-ion battery management solutions

Easy to install

- No matching and commissioning required, ready to install
- Plug-and-play, eliminate the clutter of wires

Fast and flexible charging

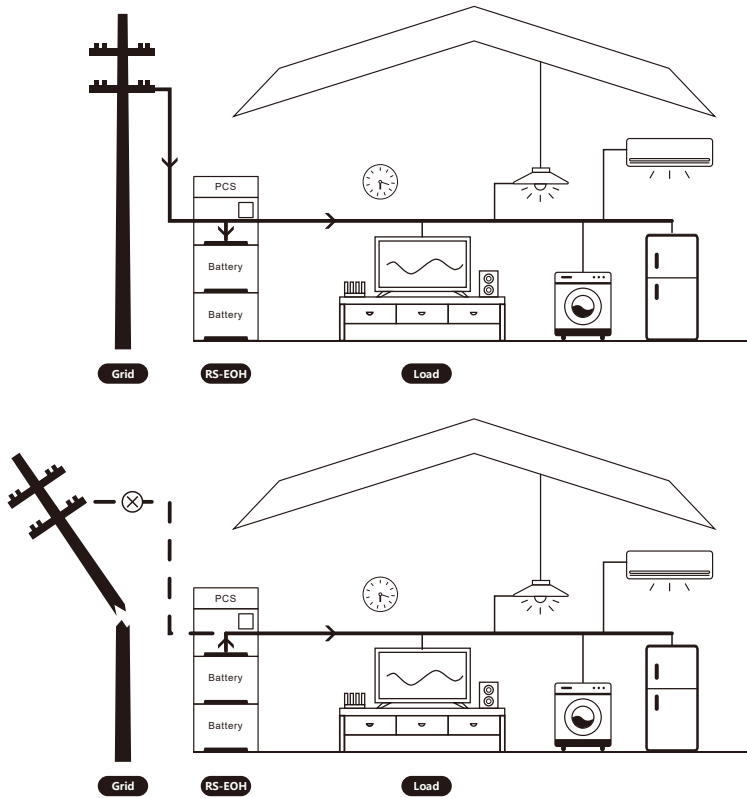
- A variety of charging methods, which can be charged with photovoltaic or commercial power, or both at the same time

INVERTER TECHNICAL SPECIFICATION		SunPro-C4805S
PV CHARGE		
Solar Charge Type		MPPT
Maximum Output Power		5000W
PV Charging Current Range		0~80A
PV Operating Voltage Range		120~500V
MPPT Voltage Range		120~450V
AC CHARGE		
Maximum Charge Power		3150W
AC Charging Current Range		0~60A
Rated Input Voltage		220/230Vac
Input Voltage Range		90~280Vac
AC OUTPUT		
Rated Output Power		5000W
Maximum Output Current		30A
Frequency		50Hz
Overload Current		35A
BATTERY INVERTER OUTPUT		
Rated Output Power		5000W
Maximum Peak Power		10KVA
Power Factor		1
Rated Output Voltage (Vac)		230Vac
Frequency		50Hz
Auto Switch Period		< 15ms
THD		< 3%
BATTERY TECHNICAL SPECIFICATION		SunPro-B1605
Number of batteries		1
Battery Energy		5.12kWh
Battery Capacity		100AH
Weight		46.56kg
Dimension L×W×H		500*145*570
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 (80%DOD,0.5C,25°C,70%EOL)
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		Vertical
Certification		UN38.3,MSDS,EN55032,EN55024,EN61000-3-2,EN61000-3-3
Weight(Inverter)		23kg (66lb)
Dimension(Inverter)		500*145*555mm

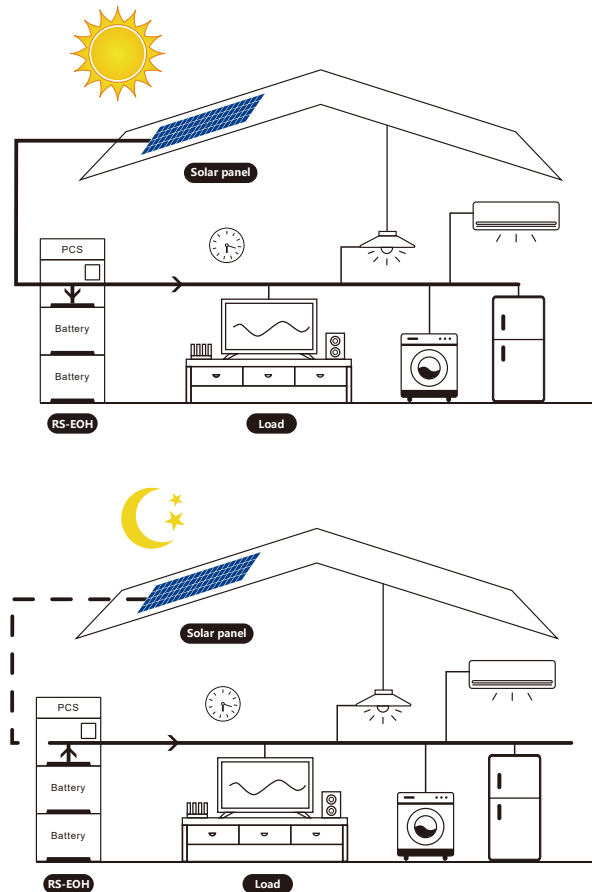
INVERTER TECHNICAL SPECIFICATION		SunPro-C4805U
PV CHARGE		
Solar Charge Type		MPPT
Maximum Output Power		5000W
PV Charging Current Range		0~80A
PV Operating Voltage Range		120~500V
MPPT Voltage Range		120~450V
AC CHARGE		
Maximum Charge Power		2100W
AC Charging Current Range		0~40A
Rated Input Voltage		110/120Vac
Input Voltage Range		90~140Vac
AC OUTPUT		
Rated Output Power		5000W
Maximum Output Current		50A
Frequency		60Hz
Overload Current		55A
BATTERY INVERTER OUTPUT		
Rated Output Power		5000W
Maximum Peak Power		10KVA
Power Factor		1
Rated Output Voltage (Vac)		120Vac
Frequency		60Hz
Auto Switch Period		< 15ms
THD		< 3%
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Classic working mode

Without PV Panel



Without Grid



Complete system

