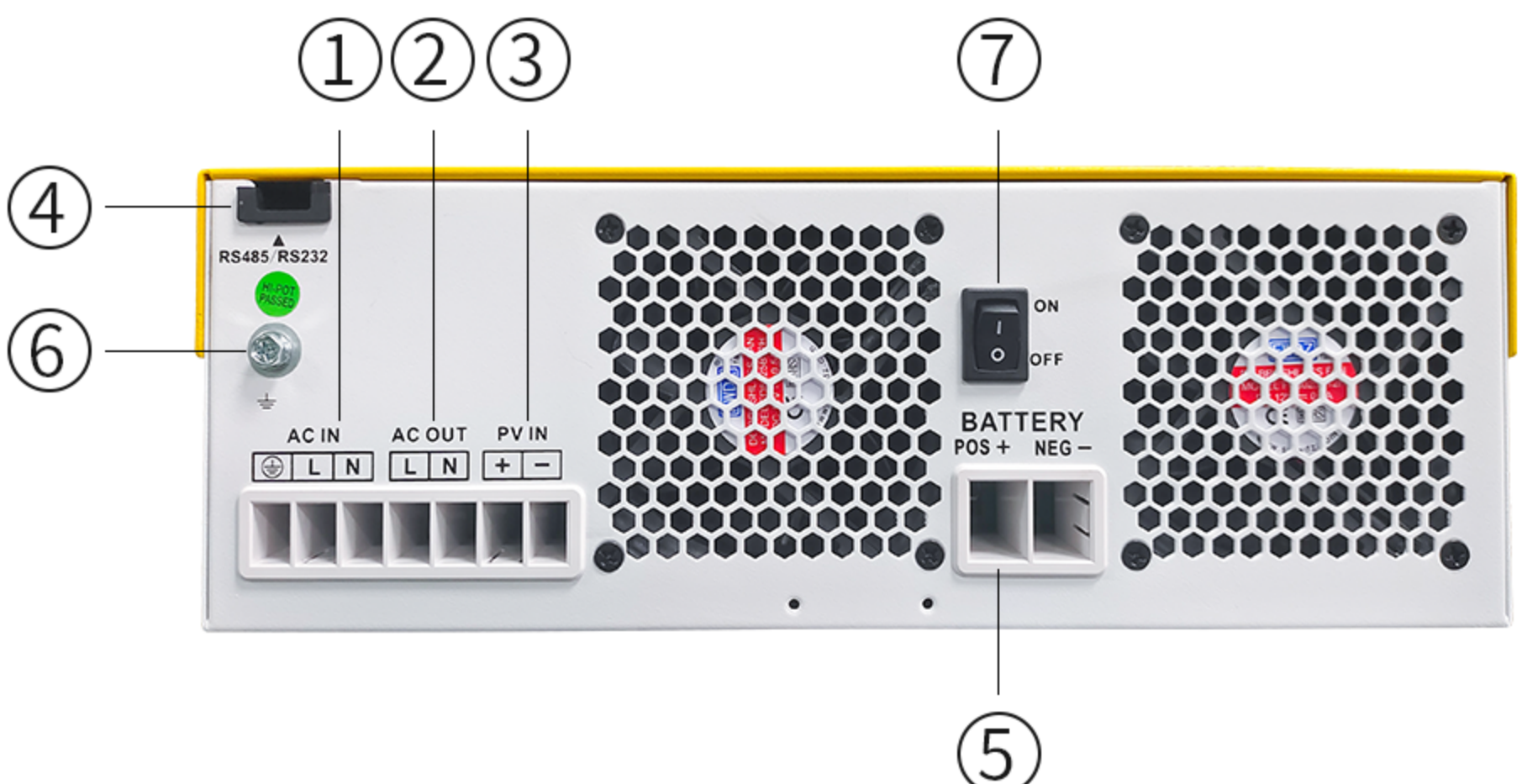




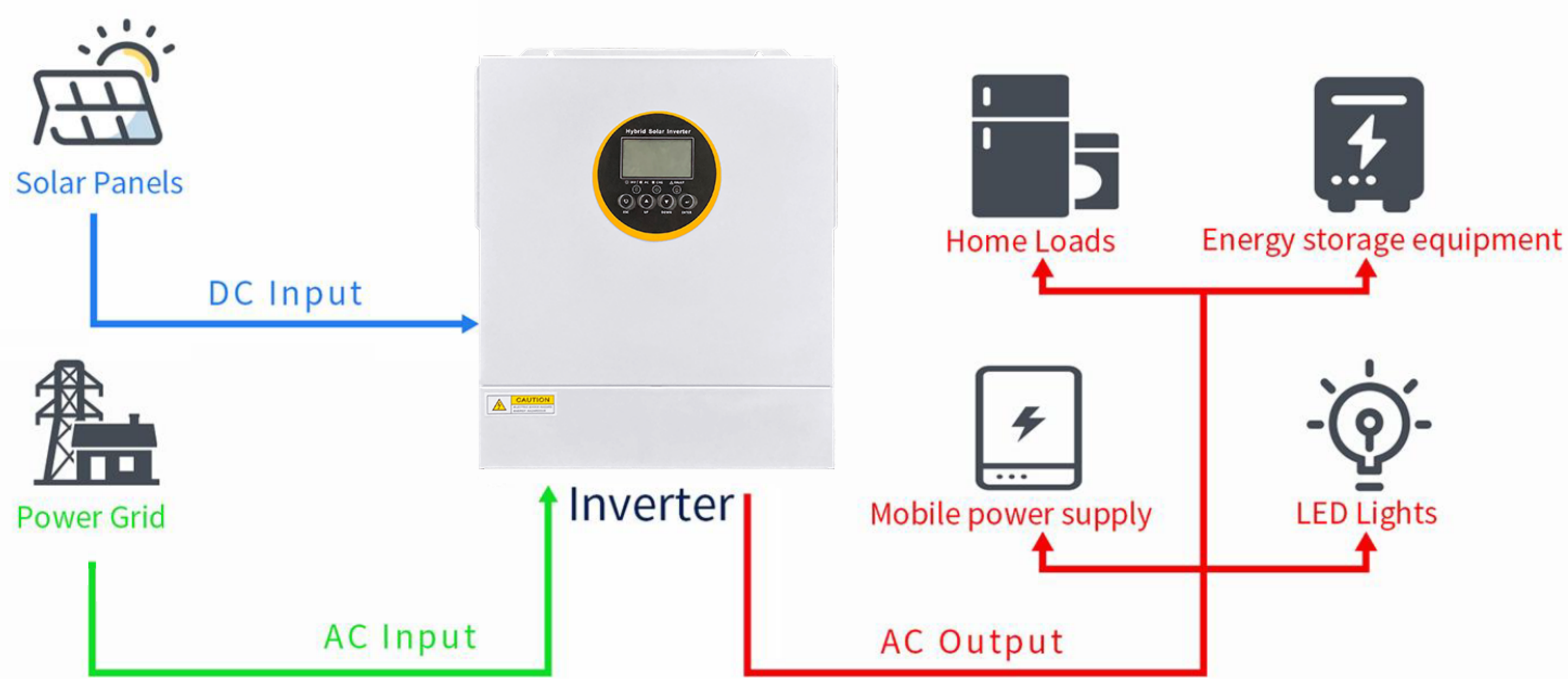
AP-2S0 Solar Inverter

- Pure sine wave
- High Efficiency
- WIFI Optional
- Built 60A MPPT
- PF=1.0
- Anti-shock design terminal
- BMS
- Lithium Bbtery Activation
- RS232 RS485



- 1. AC input 2. AC output 3. PV input 4. RS232/RS485 communication port
- 5. Battery input 6. Grounding 7. power on/off switch

Solar System Connection



2.Inverter series



model	AP-2S0		AP-2S1	
Capacity	1.5KVA/1.5KW		3.5KVA/3.5KW	
Parallel	no		no	
INPUT				
Nominal Voltage	230VAC			
Acceptable voltage range	170-280VAC (For personal Computer); 90-280vac (For Household Appliances)			
frequency	50/60 Hz (Auto sensing)			
OUTPUT				
Nominal Voltage	220/230VAC+5%			
surge power	3000VA		7000VA	
frequency	50/60Hz			
waveform	pure sine wave			
Transfer time	10ms (For personal Computer): 20ms (For Household Appliances)			
Peak Efficiency (PV to INV)	96%			
Peak Efficiency (battery to INV)	93%			
Overload protection	5s@>=140% load;10s@100%~140%load			
Crest Factor	3:1			
Admissible Power Factor	0.6~1 (capacitive or inductive)			
BATEERY				
Battery Voltage	12V		24V	
Float Charge Voltage	13.5V		27V	
OverCharge Protection	14.1V		28.2V	
Charging Method	CC/CV			
Lithium Battery Activation	YES			
Lithium Battery Communication	YES (RS485)			
SOLAR CHARGER & AC CHARGER				
Solar Charger Type	MPPT			
Max.PV Array Power	1500W		1500W	
Max.PV Array Open Circuit Voltage	160VDC		160VDC	
PV Array MPPT Voltage Range	30VDC~160VDC		30VDC~160VDC	
Max.Sloar Input Current	50A		50A	
Max.SloarCharge Current	60A		60A	
Max.AC Charge Current	80A		80A	
Max. Charge Current (PV+AC)	120A		120A	
PHYSICAL				
Dimensions,DxWxH(mm)	358x295x105.5			
Packing Dimensions, DxWxH(mm)	465x380x175			
Net weight(Kg)	6		7	
communication method	RS232+RS485			
ENVIRONMENT				
Operating temperature Range	(-10℃ to 50℃)			
Storage temperature	(-15℃~50℃)			
Humidity	5% to 95% relative humidity (Non-condensation)			

Phone : +86-0574-87919062

Whatsapp:+8618395806782

INS: ailepu_power

www.ailepupower.com

Email:sales@ailepupower.com

Address : 815, Building C4, R&D Park, No. 8, Lane 299, Guanghai Road, High tech Zone, Ningbo ,Zhejiang province

NINGBO AILEPU ELECTRONIC TECHNOLOGY CO., LTD.