

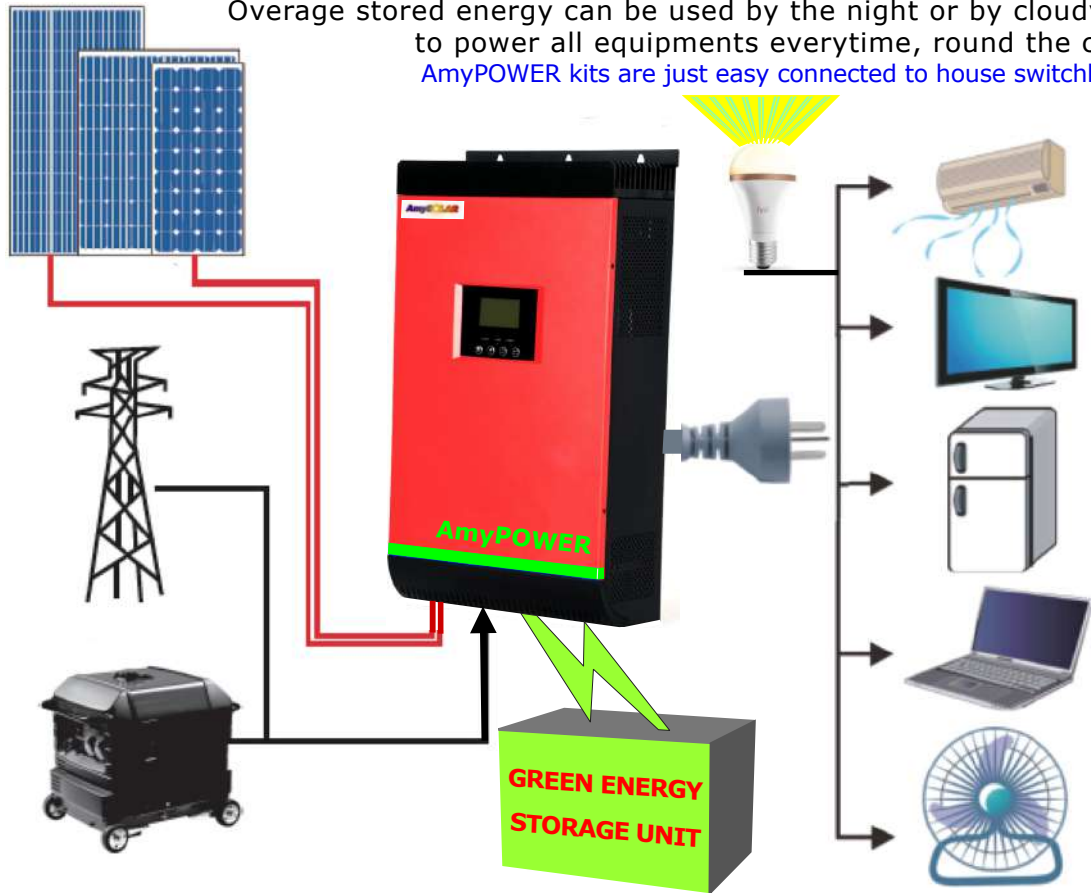
AmySOLAR AmyPOWER gives you energy round the clock

AmyPOWER is a solar energy production and storage equipment. Solar panels create energy instantly from the sun's rays, a part of it is immediately used in your electrical equipments and the excess in the daylight is stored in long life and high performance new generation batteries.

Overage stored energy can be used by the night or by cloudy sky to power all equipments everytime, round the clock. AmyPOWER kits are just easy connected to house switchboard.



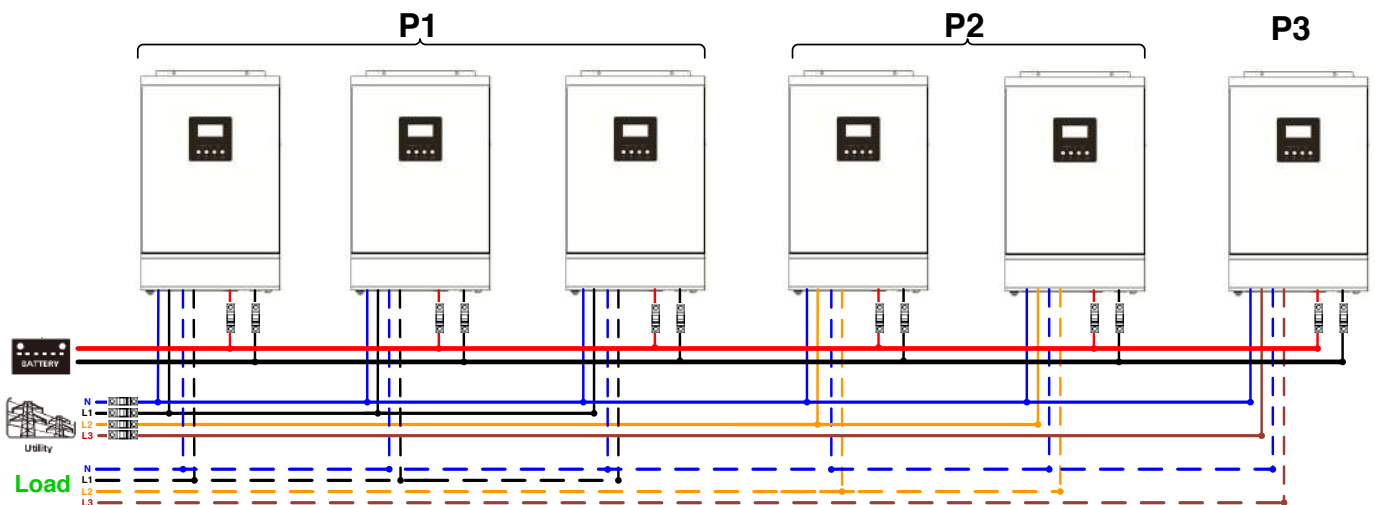
AmyPOWER: "your energy independence"



We have tamed the sun energy for your every day uses and your delight at home as at work.

A modular solution that adapts to all the powers: from residential use to collective
For higher powers or three-phase equipments, AmyPOWER Stations can be mounted in parallel and in groups of units to achieve very high power ratings.

Example: 30 KVA three-phase adapted to required power, with 3 units on 1st phase, 2 on the second and one on the 3rd phase



Our storage units and electronic equipments are fully adapted to hot and humid climates, with a design life in operation between 15 and 20 years and solar panels have a production warranty of 80% after 25 years operation. Solar panels are the only source of energy for satellites rotating around the earth.

AmySOLAR: SOLAR ENGINEERING & EQUIPMENT - POSITIVE ENERGY CONSTRUCTIONS

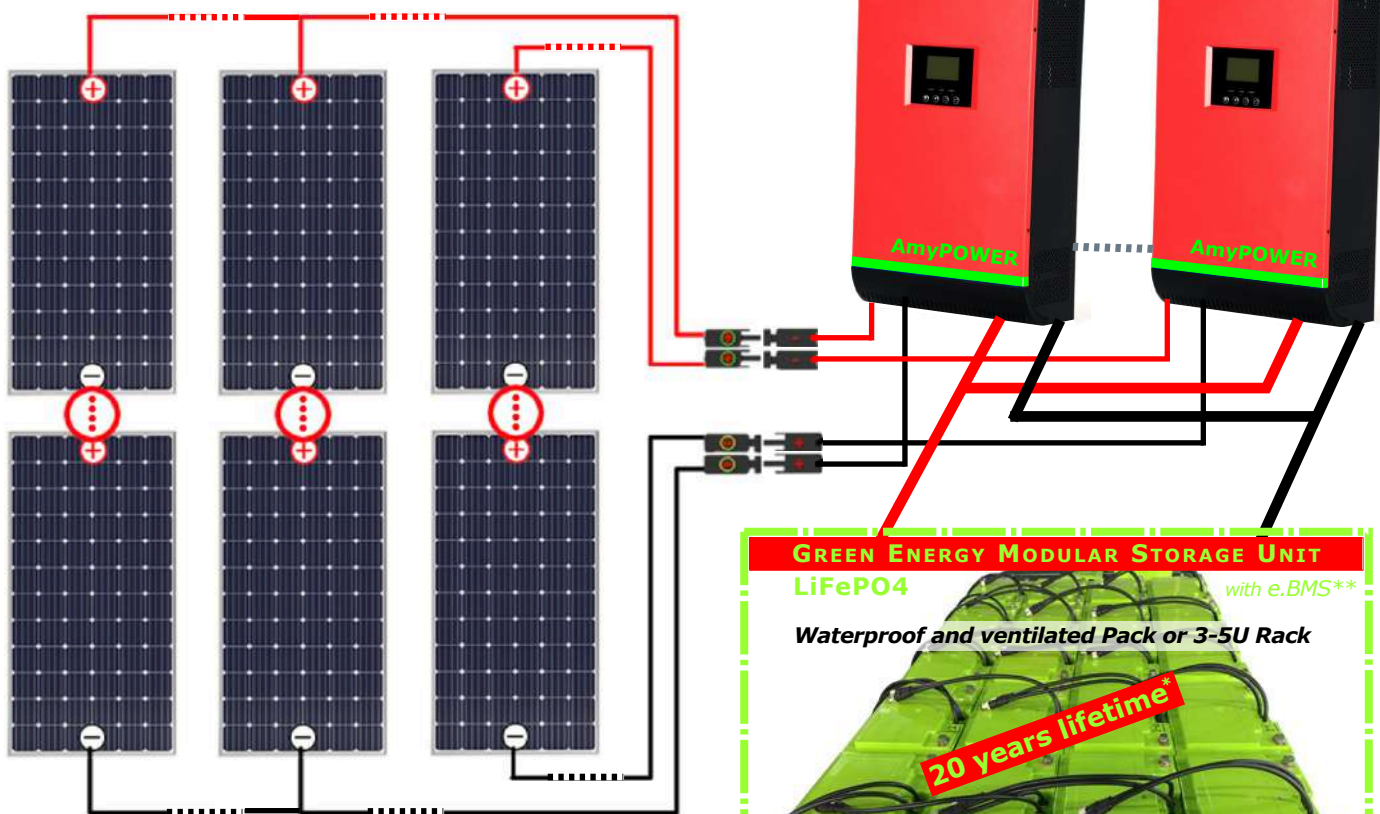
Website : www.amysolar.com – email : contact@amysolar.com

AmyPOWER Kits	1.5K	2K	3K	4K	5K
AC Output voltage (inverter)	220/230 V at $\pm 5\%$ (100/110 V at $\pm 5\%$ optional) THD ≤ 3				
DC Output voltage	24 V or 48 V stabilized and self-regulated				
Max Peak Power Output	3 000 VA	4 000 VA	6 000 VA	8 000 VA	10 000 VA
Max charge current	20 A	30 A	45 A	60 A	80 A
PV open circuit voltage max.	145 V	145 V	145 V	145 V	145 V
PV Power max.	1 500 W	2 000 W	3 000 W	3 500 W	4 000 W
Input voltage batteries	24 V	24 V	48 V	48 V	48 V
Online power consumption	0,4 A	0,45 A	0,5 A	0,6 A	0,65 A
Standby power consumption	2 W				
Inverter conversion efficiency	93-96 %				
Temp. / Humidity / Altitude	0°C to +55°C / 5 % to 95 % / ≤ 4000 m				
Protections	Overload, short circuit, input overvoltage, overheating				
Dimensions (H x W x D in mm)	355 x 272x 100			528 x 295 x 121	
Net Weight (Kg)	10	11	12	13	14

For higher powers requirements or three-phase equipments, AmyPOWER Stations can be connected in parallel and in groups of strings (only with 4K and 5K models).

Configurations:

- **5 KW:** 9 panels 280 Wc + 1 AmyPOWER Station
5KW + 1 to 4 packs of LFP batteries 48V, 50 to 200Ah,



- **10 KW:** 18 panels 280 Wc + 2 AmyPOWER Stations
5 KW + 2 to 8 packs of LFP batteries 48V, 50 to 200Ah,
- **15 KW:** 27 panels 280 Wc + 3 AmyPOWER Stations
5KW + 3 to 12 packs of LFP batteries 12V, 50 to 200Ah,
- **20, 30, 50, 100 KW, etc...**

New batteries tech., hydrogen cells, flywheels...

* under normal application, installation, use and service conditions
** e.BMS : LiFePO4 Electronic Battery Management System.