

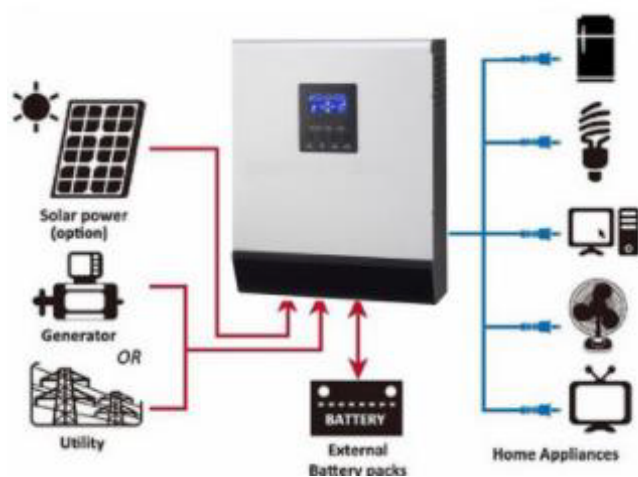
## OFF GRID PV SYSTEMS

**SOLAR CHARGER**  
**OUTPUT VOLTAGE**  
**OUTPUT POWER**

## ALBAT SOLAR 12 VDC OFF GRID

**PWM/MPPT**  
**230 Vac, 50Hz**  
**1200 W**

**ALBAT's 12Vdc OFF GRID PV System** completed by different products from our production. The system is intended for single phase load up to 1200W. Main DC voltage is 12Vdc, but in system can be integrated converter DC/DC if needed different DC voltage.



### APPLICATIONS:

- Off grid systems for homes, cottages, mountain hut
- Security
- Communications
- Traffic

### INSTALLATION:

- Indoor
- Outdoor

### MAIN PARTS:

- PV panels
- Solar controller, with integrated solar charger and solar inverter
- Deep cycle battery
- Mounting system for PV
- Battery rack

**ALBAT provide** completely Design DC&AC Power Supply Systems by your technical request, Production, Assembly, Testing and Service in warranty and after-warranty period.

**The production process** is in accordance with the standards ISO 9001:2015, ISO 14001:2015 and ISO 45001:2015. All products are in compliance with IEC 60896-21/-22, EN 50272-2, IEC 61427-1/2, IEC 61056-1.

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## OFF GRID PV SYSTEMS

## ALBAT SOLAR 12 VDC OFF GRID

### Technical specifications

Model	1212
PV PANELS	
Power Wp	50 up to 280
Total power Wp	up to 1200
SOLAR CONTROLLER, WITH INTEGRATED SOLAR CHARGER AND SOLAR INVERTER / GENSET STARTER (optional)	
Type controller	PWM / MPPT
Output power W	1200
Output voltage Vac	230**
Output frequency Hz	50**
Nominal DC voltage Vdc	12
BATTERY SYSTEM	
Type	Deep cycle
Nominal voltage Vdc	12
Nominal capacity Ah	100 or more, in correlation of autonomy
Technology	AGM or GEL or FLOODED
Mounting system for PV	
Installation	pitched or flat roof, open land, lamppost, ...

\*\*Optional: 110-120VAC; 60Hz

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