

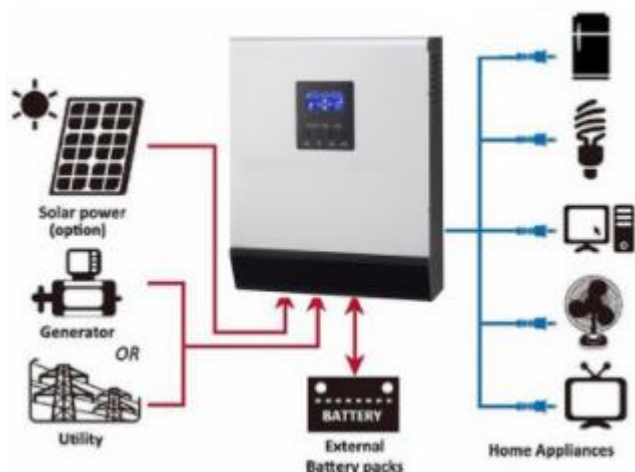
OFF GRID PV SYSTEMS

SOLAR CHARGER
OUTPUT VOLTAGE
OUTPUT POWER

ALBAT SOLAR 48 VDC OFF GRID

PWM / MPPT
230 Vac, 50Hz
4000 W

ALBAT's 48Vdc OFF GRID PV System completed by different products from our production. The system is intended for single phase load up to 4000W. Main DC voltage is 48Vdc, 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 by your technical request, Production, Assembly and Service in warranty and after-warranty period.

The production process is in accordance with the standards ISO 9001:2008 and ISO 14001:2004. All products are in compliance with IEC and EN standards.

OFF GRID PV SYSTEMS

ALBAT SOLAR 48 VDC OFF GRID

Technical specification

Model	4048
PV PANELS	
Power Wp	50 up to 280
Total power Wp	up to 4000
SOLAR CONTROLLER, WITH INTEGRATED SOLAR CHARGER AND SOLAR INVERTER / GENSET STARTER (optional)	
Type controller	PWM / MPPT
Output power W	4000
Output voltage Vac	230*/**
Output frequency Hz	50**
Nominal DC voltage Vdc	48
BATTERY SYSTEM	
Type	Deep cycle
Nominal voltage Vdc	48
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, ...

* Parallel function; Three phase system;

** Optional: 110-120Vac; 60Hz