

Power supply unit EMPOwerBox



12V und 24V

for autonomous off-grid electric energy supply

...the „stand alone“ Solar solutions for all people not having electricity

Functions:

- ◆ A stand alone versatile source of energy for USB, 12V or 24V equipment.
- ◆ Consists of plastic housing with various unions, batteries (batteries), solar panel and charge controller
- ◆ Battery charge level indicator with diagnostic
- ◆ Undervoltage detection to protect the internal battery
- ◆ Built-in controller switches all outputs of the EMPOwerBox on or off.

Energy anywhere:

- ◆ Agriculture
- ◆ Garden House electrification
- ◆ Leisure, Camping & Outdoor
- ◆ Garage power supplies
- ◆ Security technology
- ◆ Golf Caddies and more

EMPOwerBOX connection options:

- ◆ 12V / 24V car power socket board
- ◆ USB port



EMPOwerBox specifications:

Parameter	EMPOwer-14,4Ah-12V	EMPOwer-7,2Ah-24V	EMPOwer-48Ah-12V	EMPOwer-24Ah-24V
System	12V	24V	12V	24V
Useful solar panel type	SOLmini-XX-12V	SOLmini-XX-24V	SOLmini-XX-12V	SOLmini-XX-24V
Battery capacity	14,4Ah	7,2Ah	48Ah	24Ah
Batteries technology	Pb/Ca AGM	Pb/Ca AGM	Pb/Ca AGM	Pb/Ca AGM
EUROBAT Design	10-12 Jahre	10-12 Jahr	10-12 Jahre	10-12 Jahre
Car style socket	12V	24V	12V	24V
USB 5V/500mA	Option	Option	●	●
Under voltage detection	●	●	●	●
Battery detection	●	●	●	●
Recommended panel	SOLmini-15W-12V	SOLmini-15W-24V	1 x or 2x SOLmini-40W-12V	SOLmini-40W-24V SOLmini-75W-24V

* Power at max. 25°C ambient temperature, no inductive loads

Other models and custom solutions on request