

Photovoltaic Kit

TECHNICAL FEATURES



Description

Photovoltaic power supply kit for 12 V off-grid system composed by bracket, cabinet, photovoltaic panel, MPPT charge controller and AGM battery 12V.

BATTERY

Type	AGM lead		
Rated voltage	12 Vdc		
Rated capacity	45 Ah	90 Ah	90 Ah
Battery weight	15 Kg	30 Kg	30 Kg
Protection	Blade fuse 15A		

PHOTOVOLTAIC PANEL

Type	36 Cells monocrystalline silicon		
Peak power	50 W	100 W	190 W
Dimensions	420x670x25 mm	908x578x30 mm	1480x668x30 mm

CHARGE CONTROLLER

Charging technology	MPPT		
Maximum charging current	10 A	10 A	15 A
Output voltage	11,3-14,3 Vdc		
Maximum output current	10 A	10 A	15 A
Protections	Reverse polarity, short circuit, overload, over discharge		

CABINET FEATURES

Material	Polyester		
IP protection degree	IP65		
IK code	IK10		
Dimensions	505x435x215 mm		

GENERAL FEATURES

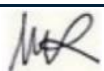
Operating temperature	-25 °C ÷ +55		
Total weight	25 Kg	50 Kg	50 Kg
Insulation class	Class III		



1. Batteria AGM / AGM Battery
2. Regolatore di carica / Charge controller
3. Armadio / Cabinet
4. Supporto / Bracket
5. Modulo fotovoltaico / Photovoltaic panel

Rev. 3.0

09/02/2026



Approved TEC



Approved AQ