

# 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	680x660x35 mm	1200x540x30 mm	1480x670x35 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. 3.3

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Approved TEC

Approved AQ