

## Technical Information

Box material	ABS
Bracket material	Opaque polycarbonate
Box dimensions	382x282x131mm
Bracket dimensions	384x545x5mm
Collar pitch	minimum: 52mm - maximum: 60mm

## 6A-12/24V charge controller

Nominal working voltage	12/24V
Maximum current	6.6A
Sealing	IP22
Dimensions	85x98x34mm
Weight	108g
Ambient temperature	From -25 to +50°C
Self-consumption	6mA

## Battery

Type	Lead-calcium
Features	9Ah-12V
Case material	ABS

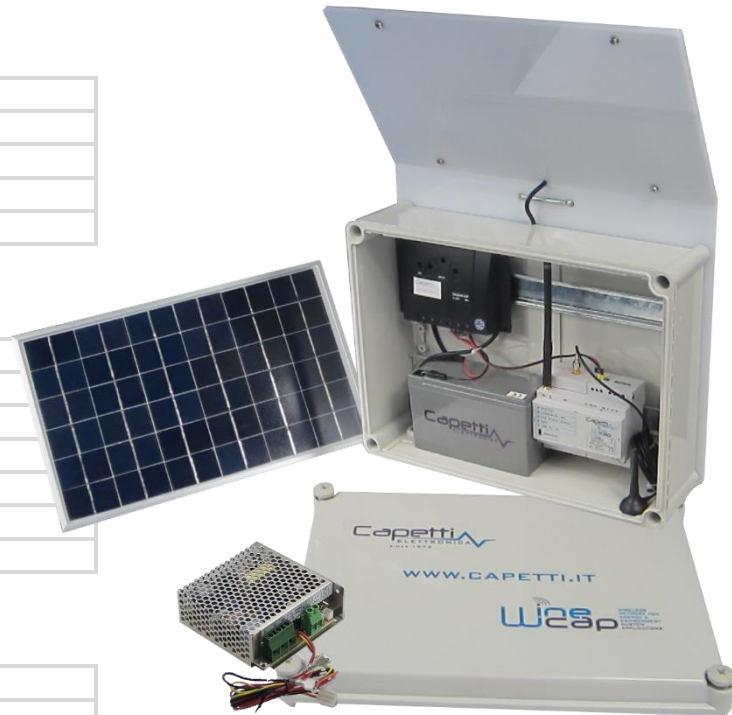
## Photovoltaic panel

Nominal power	10W
Vmp	17.9V
Imp	0.56A
Voc	22.41V
Isc	0.61A
Dimensions	33.7x20.5x1.5cm
Weight	0.80Kg

## Switching power supply

Outputs	1
Output voltage	13.8V
Output current	2.6A
Output type	<ul style="list-style-type: none"> <li>Fixed</li> <li>Adjustable</li> </ul>
Nominal power	35.9W
Input voltage	<ul style="list-style-type: none"> <li>85V (minimum)</li> <li>100÷240VAC (nominal)</li> <li>264V (maximum)</li> </ul>
Isolation voltage	3kV
Case	Metallic
Terminal type	Clamp in a row
Efficiency	83%
Medium time between two faults (MTBF)	523,300h
Ripple and noise (V)	120mV
Operating temperature	<ul style="list-style-type: none"> <li>-20°C (minimum)</li> <li>+60°C (maximum)</li> </ul>
Dimensions	99x97x36mm

The features shown may be subject to change without notice.



## Dual power supply kit for MWDG-GSM basestation.

The **BOX-PPS** is an accessories kit to power supply [MWDG-GSM](#) gateways using a solar panel.

Suitable for open field applications without AC power supply. Provided with photovoltaic panel, lead-calcium rechargeable battery and 6A charge regulator.

IP68 sealing.

Provided with additional circuit for double power supply (mains supply and photovoltaic).