PINLITE

PinLite Micro Solar Station has been designed to cover the first needs of primary consumptions.

Bornay PinLite

Why PinLite Micro Solar Station?

The PinLite Micro Solar Station has been designed to cover the first needs of primary consumptions.

Many times or places there is a mobile phone and there is not electricity, including some times lighting elements.

With the PinLite Micro Solar Station, is given access to these basic services in a easy way, simple and economic. the PinLite Micro Solar Station with small dimensions, is composed of: the micro station, one 20 Wp solar panel, two 3 W led light bulbs and a USB set of connections.

What is included into the PinLite Micro Solar Station?

- One Micro Station.
- One 20 Wp solar module.
- Two 3 W led bulbs.
- One USB / RJ10 set of conectors.

The PinLite Micro solar station has inside a Li-Ion battery capable of storing energy and supply it to the consumption of the system.

The PinLite Micro solar station has one USB connector where to recharge a mobile phone, as well as two connectors RJ10 type where led bulbs are connected.

Light bulbs have integrated a RJ10 connector for turns on/off.

SPECIFICATIONS

PinLite Micro Salar specifications

Input

Solar module	20 Wp. max
Voltage	14 – 22 Vcc
Connectors	+ / - MC3 type

USB Output

Voltage	5 Vcc
Current	Máx. 1 Amp

RJ10 Output (x2)

Voltage	12 Vcc
Current	0,5 Amp. max

Battery

Type	Li-Ion
Voltage	12 Vcc
Capacity	9 Amp
Dimensions	210 x 210 x 45 mm.
Weight	850 grs.
Autonomy	2 bulbs + mobile = 4 hours 1 bulb + mobile = 8 hours

Solar module specifications

Power	Pmax	20 Wp ± 3%
Efficiency		15 %
Nominal voltage	Vmpp	18 Vcc
Open circuit voltage	Voc	21,2 Vcc
Nominal current	Impp	1,11 A
Short circuit current	Isc	1,16 A

Mechanical

Cell type	Monocristaline 2 x 18
Dimmensions	350 x 495 x 25 mm
Weight	2,2 Kgr.
Glass	Tempered 3,2 mm
Frame	Anodic

Bulb specifications

Power	3 W
Voltage	12 Vcc
Leds	3 x Edison 45 x 45 mm.
Bulb cap	Aluminium with interruptor
Wire	4 mts.
Connector	RJ 10

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