

# PINLITE

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



Bornay PinLite

## Why PinLite Micro Solar Station?

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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?

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

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	Monocrystalline 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

## DOWNLOADS

### BORNAY PINLITE ENG

 [Bornay-PinLite-eng.pdf](#)

Size: 4.1 MiB

### CATÁLOGO GENERAL 2020

 [Catalogo-Bornay-0520.pdf](#)

Size: 21.51 MiB