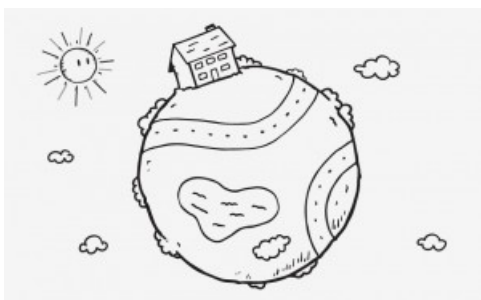


Skype



Bplanner

REVOLUZIONE KIT



Bornay Kit Revoluziona

Switching on a light bulb is probably one of the easiest things in the world. What's not so simple is realising that, in the end, something as easy as this takes its toll on your bank balance.

REVOLUZIONE is:

RENEWABLE

Revoluziona Kit uses sun energy to generate a major part of your electrical consumptions.

REDUCED

With only one solar module and a small inverter you can start to produce your own energy.

EASY TO INSTALL

Revoluziona Kit can be easially mounted in 4 steps, taking care of our technicians or your habitual electrician.

EXPANDABLE

To optimize your electrical bill, you can install from 1 to 16 kits in serial and all the units you

want in paralel.

SURE

Assembly, use or a long life bring to the Revoluziona Kits a big reliability.

FOR ALL KIND OF USERS

You can use Revoluziona Kit at your home, bussines, farm ... and reduce your electrical bill.

SPECIFICATIONS

Solar Module EP156M/60 - 240 W

Number of cells	60 (6 x 10)
Cell type	Monocrystalline 6" (156 x 156 mm)
Maximum system voltage	1000 v / Class II

Electrical specifications

Nominal power	Pmax	240 Wp
Power output tolerance		+ / - 3 %
Maximum power voltage	Vmpp	30,01 V
Open circuit voltage	Voc	36,90 V
Maximum power current	Impp	8,68 Amp
Short-circuit current	Isc	8,01 Amp

Temperature ratings

Open circuit voltage coefficient	Voc	-0,4015 % / °C
Short circuit current coefficient	Iks	0,0717 % / °C
Operational temperature		-40 to 80 °C

Other specifications

Dimensions	1644 x 944 x 50 mm
Weight	18,8 Kg
Connection box	Connection box with by-pass diodes
Warranty	Product: 10 years against manufacturing defects. Production: 90% during 10 years, 80% during 25 years

INVERTER

Input Voltage (DC)

Recommended solar module power	250 W (200 - 260 W)
Operational voltage range	20 - 50 Vcc
MPPT Voltage range	24 - 40 Vcc
Maximum current	10,4 Amp

AC Output

Maximum power	235 W
Current	1,02 Amp
Nominal voltage	230 V (184 - 264 V)
Frequency	50 Hz (47 - 51 Hz)
Power factor	> 0,99
THD	< 3,5 %
Temperature coefficient	-0,5 %
Maximum number of units in paralel	16

Efficiency

Peak	95,2 %
European	94,1 %
Night consumption	< 170 mW
Standards	PLCC with eGate / UL1741 / IEEE1547 / CE / EN50438 / ENEL / VDE0126 G83/1 / CQC / AS4777 / EN50178:1997 / EN62109:2010 / IEC62109-1:2010 IEC62109-2:2010 / DIN / RD 1699/2011

DOWNLOADS



Bornay Revoluziona
(4.66 MiB)



Certificado
RD1699/2011
(298.1 KiB)



Catálogo General
Bornay 14-15
(10.41 MiB)