

FADISOL



Catalog - 05



In this new edition of the 5th Solar FADISEL Catalog , the F05 , we wanted to simplify the range of products and focus on the more interesting lines , and more accepted by users.

We have enhanced the Dutch range of "Power- Plus" , with more products to dynamo , no batteries , because we think it is one of the simplest and most valid forms of energy saving .

The range of solar panels OEM , custom, and solar cells to educational practices , is a specialty that we will differentiate us from the rest of the market.

With the new energy efficiency regulations , applicable to new and old buildings , we think the range of energy saving sensors , smart plugs and lamps, will be one of the ranges that will be of great interest , as the monitors and power monitors .

Finally , FADISEL for solar cooking is long, and we think they are equipment and devices that will soon cease to be niche products to be accepted by more and more users and restaurant owners, as a lively, clean and green element able to attract new diners , outdoors , organizing barbecues and solar rice.

A handwritten signature in black ink, appearing to read "Lluís Beltran".

Lluís Beltran
FADISEL CEO



Extractors / Solar fans



C-0702 ABS plastic cover
Renew 20 m³ of air per hour. Outer Diameter: 215 mm. Weight: 720 g.



C-0703 Stainless steel cover
Renew 20 m³ of air per hour. Outer Diameter: 215 mm . Weight: 890 g.



C-0704 Stainless steel cover + battery
Works day and night .
Its rechargeable Ni-MH allow work in the absence of the sun. Renew a 24m³ / hour . Outer diameter: 215 mm. Weight: 900 gr .

Extractor fan, all in one, the motor is activated by sunlight and the ambient light, without batteries or electricity. No need wiring or outlets. It is quiet and once installed will not generate any cost.

- To install in roofs, ceilings and walls with sunlight.
- Prevent mold, condensation, moisture and odors.
- Fully automatic and autonomous operation, no noise or pollution.
- Water resistant cover and weather.
- Monocrystalline solar cells high performance and long life.
- Easy installation.

These Extractors / fans are ideal for caravan, boat, conservatory, boat, truck, van, office, farm, bathroom, etc. ..



C-0705 Works day



C-0706 Works day and night

Mural aeration system compact. The solar panel is integrated on top whose inclination is calculated for optimum performance and to prevent the entry of rainwater.
Easy installation.
It incorporates a battery that is recharged with excess sunlight.
When it is fully charged is powering the engine overnight. Weight 750 gr.



Example operation housing

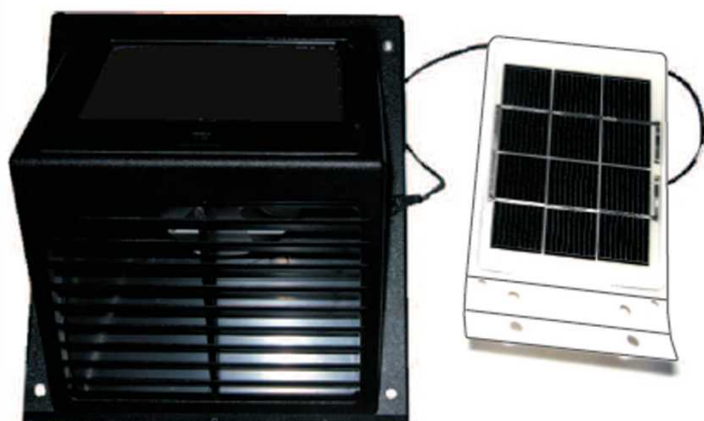


Example of installation



Example of installation with separate solar panel

For more information sheet can be downloaded from our web



C-0707 Works day and night. independent Panel

Solar aeration system to install on a wall facing north or in areas with little or no solar radiation and the solar panel is independent of the engine and can be placed at a distance, thanks to cable included. When the battery is fully charged, working day and night, nonstop.
Weight: 1000 gr.

High power solar fans for large rooms, warehouses, barns, warehouses, large dormers, tents for events & shows, stables, farms, etc..

- Polycrystalline photovoltaic panel with steel.
- Brushless motor, high performance.
- Fan with blades 35.5 cm.
- Built bimetallic thermostat (temperature selectable points: 25, 26, 27, 28, 29, 30, etc.).
- Cover made of a single piece of steel with protective coating based powder paint.
- Screen galvanized anti-mice.
- Quiet.
- Resistant to rain, wind and corrosion.



C-0700 Fan refrigerators

Controls accumulated in the radiator is in the back of refrigerators DC heat. This stored heat can drastically reduce the efficiency of the refrigerator, especially when inside the caravan or boat under a hot sun will cause excess consumption and indoor temperature is not cold enough.

Applications: DC Refrigerators in solar powered homes, caravans and boats.

The team consists of:

- Unbreakable Solar Panel
- Fan motor
- 4m cable and connectors
- Screws for mounting the motor and panel.

Solar Fan:

- Structure with fixing bracket.
- Motor 0.5-6.0 V / 1300 rpm
- 4m cable with female connector inserted
- Fan blades: Ø7, 8cm.
- Housing: Ø8cm.
- Total height: 8.5 cm.

Solar Panel:

- Crystalline solar cells with high efficiency.
- 1.7 V/400mA full sun.
- Dimensions: 12.8 x 5.8 x 0.5 cm.
- 50 cm of cable bicolor male connector inserted.

For more information sheet can be downloaded from our web

12VDC Solar Submersible Pumps



C-6000 Pump 5,5 m.



C-6001 Pump 6,5 m.



C-6002 Pump 8,5 m.



C-6004 Pump 16 m.



C-6005 Pump 12 m.
Suitable for hot water



C-6011 Filter for C-6001



C-6012 Non-return valve
For all immersion pumps. The direct connection to the pump outlet prevents back pressure. Hose Ø10 mm. Measurements: Length 50 mm Ø27 max.



C-6013 Pressure 1.4 bar
Pump C-6005

Applications: auto-water supply, sprinkler systems or raise the water to a tank or trough.

Ref.	power consumed (*1)	height elevation	Flow (l/min) (*2)@ 0,15 bar	Flow (l/min) (*2)@ 0,3 bar	Flow (l/min) (*2)@ 0,5 bar	Flow (l/min) (*2)@ 0,75 bar	Flow (l/min) (*2)@ 1,1 bar	Flow (l/min) (*2)@ 1,7 bar	Measures	Weight	Output (*3)	Cable	Filter (*4)
C-6000	24,0 W	5,5 m.	6,2 l.	4,0 l.	0,8 l.				Ø38x104 mm	150 gr.	Ø10 mm	1 m.	
C-6001	20,4 W	6,5 m.	11,5 l.	8 l.	4,4 l.				Ø48x123 mm	190 gr.	Ø10 mm	1 m.	C-6011
C-6002	36,0 W	8,5 m.	15,8 l.	9,2 l.	6,6 l.	1,1 l.			Ø65x144 mm	202 gr.	Ø10 mm	1 m.	Incluido
C-6004	84,0 W	16,0 m.	21,5 l.	19 l.	16,5 l.	14 l.	19,5 l.	10,5 l.	Ø48x133 mm	475 gr.	Ø10 mm	1 m.	Incluido
C-6005	66,0 W	19,0 m.	6,4 l.	6,4 l.	5,4 l.	4,4 l.	3,2 l.	0,8 l.	Ø76x150 mm	350 gr.	Ø10 mm	1 m.	Incluido

For more information sheet can be downloaded from our web

Ovens and solar cookers



C-1012 And lightweight portable solar oven

Oven dimensions: 90 x 50 x 50 cm
 Average temperature: 60 ° ~ 90 ° C
 Maximum temperature: 120 ° C
 Material: Light and rigid plate, plastic glass
 Reflector: aluminum sheet fixed to the vacuum
 Weight: 2 kg
 Carry bag: PE bag 50 x 50 x 5 cm
 Quality certifications: NY / T219-2003



C-1014 Portable solar oven with reflectors

Oven dimensions: 48 x 48 x 28 cm
 Average temperature: 100 ° C
 Maximum temperature: 185 ° C
 Material: ABS plastic body and tempered glass door
 External reflectors very high performance.
 Indoor Reflector: vacuum aluminized Film
 Weight: 6.5 kg
 Quality certifications: NY / T219-2003



**Capacity to
8/10 people**

C-1010 Solar cooker with parabolic reflector 1.8 m²

Power: 1800 W
 Focus: 600 mm
 Focal area: > 1.8 m².
 Reflector: aluminum Film fixed vacuum
 Lets boil 5 liters of water in 25 minutes
 Parable diameter: 1500 mm
 Weight: 16 kg
 Packing: 80 x 71 x 10 cm
 Quality certifications: NY / T219-2003

C-1011 Solar cooker with parabolic reflector 2.5 m²

Power: 2000 W
 Focus: 420 mm
 Focal area: > 2.5 m².
 Reflector: aluminum Film fixed vacuum
 Lets boil 5 liters of water in 17 minutes
 Parable diameter: 1800 mm
 Weight: 22 kg
 Packing: 101 x 83 x 12 cm
 Quality certifications: NY / T219-2003

Solar cookers and ovens can be installed on the terrace, balcony, roof or yard of any property, whether in the city, a people, a community, or residential area. The only condition is to receive direct sunlight.



C-1020

Aluminium foil reflective high gloss.
 Thickness 0.5 mm.
 Supplied in flat sheets of 1m x 0,60 m.

C-1021

Flexible reflective film. Thickness 0.15 mm
 Supplied in rolls of 0.5 x 1 m



C-1015 Solar Kettle, Laptop

Portable water bowl that can be heated by the sun. the same gates act reflector when open. Includes support with 45 ° tilt.

Portable water bowl that can be heated by the sun. the same gates act reflector when open. Includes support with 45 ° tilt.

For more information sheet can be downloaded from our web

Electronic softener provide effective protection against lime scale in water pipes and devices connected to the home network (heaters, boilers, washing machines, irons, dishwashers, coffee makers, etc.). The old scale also will gradually dissolving to completely disappear. Electronic operation, the electromagnetic waves work from the outside of the pipe structure modifying calcium carbonate water to form a non-fouling.



C-1000 Professional softener

Power supply: 9V battery, includes power supply 230V and fasteners.
 Very low power consumption: Less than 2W
 Work selectable frequencies Water hardness (0.5 kHz to 2 kHz)
 Adjustable amplitude wave
 LED status indicators and functions
 Dimensions: 135x90x50 mm
 Application: housing one or two families.
 European quality

C-1001 microprocessor professional softener

Power supply: 230V 50Hz
 Very low power consumption: 1.2 W
 Frequencies of variables work 1kHz to 5kHz
 Automatic program for regeneration pipes with oscillating frequencies
 Seven LEDs
 Suitable for any water hardness
 Dimensions: 160x80x60 mm
 Application: homes with water consumption 5m³ / h
 European quality



C-1002 Professional softener microprocessor MULTIPLUS

High Performance Model
 plants with severe scaling.
 Power supply: 230V 50Hz
 Very low power consumption: 1.2 W
 Frequencies of variables work 1kHz 25kHz
 Several automatic programs: normal, "clean piping," care of plumbing
 "oscillating frequencies with high efficiency
 Suitable for any water hardness
 Seven LEDs
 Dimensions: 160x120x80 mm
 Application: homes with water consumption up to 5m³ / h



C-1004 Softener for communities

New large electronic descaler for neighboring communities.
 Supports up to 25,200 liters / hour (25 m³). Ideal for stairs neighbors. Works straight to 230 V AC and has IP65 protection for outdoor use. Removes accumulated lime piping, fittings spots, and softens the hardness of the water, to prevent lime molecules clump together. Supports pipes up to 75 mm in diameter.
 Dimensions: 165x190x140 mm.
 European quality



For more information sheet can be downloaded from our web

Energy generator



C-0500 Bank of energy, charging dynamo (pedals)

As you pedal is easily producing the energy it needs and at the same time, the surplus goes charging energy bank that incorporates an internal battery 12 VDC outputs available is 3, 4.5, 6, 9 and 12V, suitable for charging any type of mobile phone or other electronic device.

It also includes an AC power converter capable of supplying 220 V and 100W peak power.



C-0518 Bank of energy dynamo

This multifunctional device can be charged by dynamo, AC or DC The bank has been built on an inverter that allows the possibility of feeding apparatus 230, with a maximum of 100W. The bank may also provide 12V and 5V (USB output) and integrated starter can have a maximum capacity of 200 A to start a vehicle with the discharged battery. The integrated display backlight will give you all the details of the implementation of the bank.



C-0479 Dynamo flashlight reflector

Recharges via crank charger and 12V adapter.

Can be used as search floodlight.

3W LED and high brightness.

Electronic Switch ON / OFF

Focus Range 100 meters



C-0477 Solar camping lantern / dynamo

It combines a solar panel monocrystalline silicon with a three-phase brushless generator generates the electricity needed to charge the internal Ni-MH battery 1200 mA h/3.6V. The energy stored in the battery powered 24 led powerful warm white light.

You can recharge the battery via the solar panel, the dynamo, the feeder AC or 12V adapter.



C-0478 Dynamo Flashlight

This new LED dynamo flashlight is WATERPROOF. Double light intensity, position and emits flashing red for emergencies. Includes a feeder / DC charger to connect the car to the power and telephone connectors to charge the phone.



C-0497 Dynamo camping lantern

This camping lantern with 6 ultra bright LED ensures a high light output. Its integrated handle allows easy portability when lit.

For more information sheet can be downloaded from our web



C-0419 Solar Lamp Touch

A handy LED light equipped with 3 powerful. Their cups let you easily set the lamp in a glass or any other smooth surface without screws. Simply attach the lamp in the window glass and the sun, through integrated recharge the internal battery solar cell. This lamp is ideal for camping, car, boat, garden, etc.



C-0496 Penguin lantern dynamo

Is loaded by the force applied to the lever. It is a very attractive and fun lantern, very suitable for children. Ideal as a bedside lamp.



C-0498 Flashlight and mobile phone charger dynamo

This flashlight with 3 powerful LED can easily be carried through the built-in carabiner loop. In addition to the flashlight, it is also a mobile phone charger. Just rotate the handle and through the included cable you can directly charge your mobile.



C-0476 PANTHER

New Radio Flashlight Power-Plus. Works dynamo and the sun. Accumulates energy in its internal battery, and thanks to its USB adapter allows into a solar charger. Built-in alarm. Team 5x1.



C-0475 FALCON

New LED lamp + FM Radio Power-Plus. Dynamo works and under the sun. Accumulates energy in its internal battery, and thanks to its USB adapter allows into a solar charger. Built-in alarm. Team 5x1.



C-0499 Multifunctional dynamo lamp 16 led to

Due to the integrated locking system, you can easily hang or set with magnetic base and the lamp will remain firm in its position. The light 16 powerful LED can be adjusted at normal or high gloss or warning flasher with 3 additional red LED. You may recharge through integrated and crank through an external feeder.

For more information sheet can be downloaded from our web

POWERplus



C-0522 Clock, LCD digital thermometer

Simply add water to the body clock and will produce enough energy to work and enter the time, date, temperature and perform the alarm function.

POWERplus



C-0526 Digital clock can

No batteries, no sun, no wind, just water. Watch very refreshing and youthful.

POWERplus



C-0520 "Retro" analog clock

This watch combines modern technology of power generation from water, with a retro aesthetic design



C-0521 Multifunction Digital Clock

Turning the clock, you can activate the following functions separately:

- Current time • Timer
- Alarm Clock • Temperature
- Works with water.

POWERplus



C-0629A, C-0629P y C-0629R Shower timers.

Educational device for learning to control the timing of the shower and realize the greatest savings of water and fuel that implies.

It functions as a countdown timer.



C-0523 Calculator LCD

This 8-digit calculator is water drive, as its replaceable battery runs on water.

POWERplus

POWERplus



C-0524 Shower radio

This revolutionary radio uses hydraulic actuation pressure stream of water to feed own shower. When the water stream enters the interior of the radio, is pressurized by an injection system, which rotates a mini jet inner turbine which in turn drives the electric generator integrated in the turbine to produce power.

For more information sheet can be downloaded from our web

Energy savings !



175 kWh
99 kg CO₂

C-0620B Monitor power consumption control

The operation is very simple:

- 1) plug the monitor from the power outlet and device control
- 2) indicate the electricity tariff
- 3) read the consumer directly.

The internal battery retains data in the event of a power outage.

The display can show:

- Data recorded current
- Peaks previously found
- Total energy consumed
- Total cumulative energy costs
- Predicting cost per day / month / year
- Energy-consumed in 24 hours
- Electricity rates and peaks.
- Search consumer stand-by

Power capacity: 0 ~ 3600 W
Maximum current: 16 A
Voltage: 230 VAC / 50 Hz
Allowable voltage range: 200 ~ 255 VAC
Working temperature: 0 °C ~ 50 °C
Battery: 1.5 V LR44 type button
Dimensions: 62 x 117 x 57 mm



64 kWh
36 kg CO₂

C-0625 PC Smart Button

Now you can leave your computer on and instead consume between 60 and 350 W, team only consume between 1 W and 6 W in standby.



350 kWh
198 kg CO₂

C-0621 Pack for Wireless Control utility costs

The operation is very simple:

- 1) plug the monitor from the power outlet and device control
- 2) indicate the electricity tariff
- 3) read the consumer directly.

The internal battery retains data in the event of a power outage.

The display can show:

- Data recorded current
- Peaks previously found
- Total energy consumed
- Total cumulative energy costs
- Predicting cost per day / month / year
- Energy-consumed in 24 hours
- Electricity rates and peaks.
- Search consumer stand-by

Power capacity: 0 ~ 3600 W
Maximum current: 16 A
Voltage: 230 VAC / 50 Hz
Allowable voltage range: 200 ~ 255 VAC
Working temperature: 0 °C ~ 50 °C
Battery: 1.5 V LR44 type button
Dimensions: 62 x 117 x 57 mm

C-0624 Smart Power

Pressing the button turns on for 8 hours, then disconnects automatically. Removes residual consumption of chargers and adapters in standby mode. Avoid the risk of overheating caused by overcharged batteries.

14 kWh
8 kg CO₂



C-0627 Switch to distance

This team consists of a remote control distance and a plug timer expected.

You can turn on and off lamps, boilers, stereos, etc..

Use the "all-off" button when leaving the house or go to bed.

The plug contains a timer standby, allowing you to keep the device connected or off after 1, 2 or 3 hours.

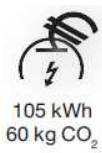


80 kWh
45 kg CO₂

C-0628 Additional socket for C-0627

For more information sheet can be downloaded from our web

Energy savings !



C-0623 smart Power

This plug incorporates a device that automatically turns off the TV. When you turn off the TV using the remote control, it completely shut off after 5 ~ 10 minutes.



C-0622 Wireless Sensor Supplementary

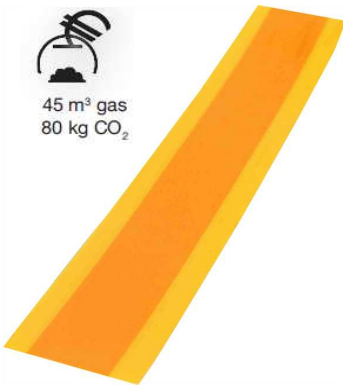
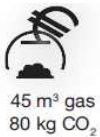
Get the most out of your wireless control center consumption C-0621.



NEW

C-0635 Base timed threaded E-27

Allows time any thread E-27, and turn off the lamp and the 5,10,15, 20, 30, 40 or 60 minutos. Ideal for children's rooms, we always lights are left open. Ideal for canteens of factories, basin of bars, restaurants, gyms and hotels. Improves efficiency and energy saving.



C-0631 Radiator heat indicator (10 cm)

Once warmed a room, it is normal that you turn off radiators in rooms that no one, including the children's room or study. This detector will have no problem to see if your radiator exceeds 40 degrees.



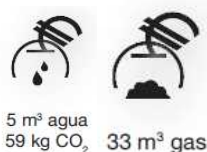
C-0632 Kit reflective radiator

This kit helps you make the most of all the heat from the radiator. The special foil reflects heat radiator, preventing the wall absorbs heat and this energy is wasted. The film is easy to adhere using the magnetic tape.



C-0633 Radiator Booster

It is cleverly designed to quickly and evenly distribute the room the heat from the radiator. This allows you to reduce the thermostat between 1 and 3 ° C



C-0630 Shower Thermometer

Install the thermometer between the tap and the shower hose. When water passes through the digital display thermometer water temperature of shower.

For more information sheet can be downloaded from our web

Solar lighting



C-0418 Sun Jar Solar Lamp ecological dual use.

Her tight lid allows you to use as well as outdoor lamp vessel traditional home. If during the day we loaded it with solar energy, at night we offer the warm sunlight.

C-0480 Solar Flash

It loads during the day and glows at night. On and off automatically. Up to 12 hours when it is operating at full load. Flashing, visible approximately 100 m. approx.



C-0411 Solar rock (solar Focus)

Its cordless operation makes it easy to move it without any difficulty. The built-in sensor automatically turns the light when it is day and night lights.



C-0402 Lantern and solar charger for camping. 2.5 W Solar Panel INCLUDED.

You can be charged with sunlight directly to electricity network and through the cigarette lighter of your car or caravan.



C-0490 Flashlight and radio with dynamo and solar

Four different ways of working: solar, dynamo, 2 AA batteries or AC 4.5 V DC / 50mA (not included). It can be used as a flashlight, emergency flasher and AM / FM radio



C-0177 Apply 10W fluorescent

Power consumption: 10W
Supply voltage: 12VDC ($\pm 20\%$)
Contains: 1 tube
F8T5 fluorescent electronic ballast and



C-0751 12V portable dryer

Simply plug into a connector 12 V lighter type of car.

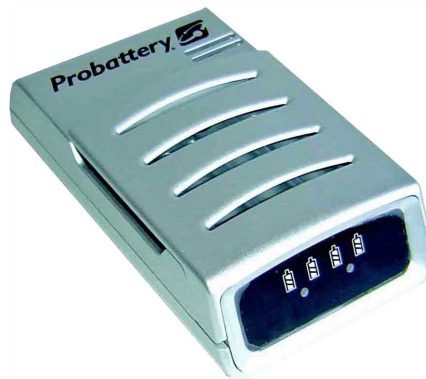
For more information sheet can be downloaded from our web

Solar Chargers



C-0101 Universal Solar Charger

Charger with high performance solar panel built with fiberglass for durability and moisture for maximum protection. Compatible with cylindrical rechargeable batteries: AAA, AA, C and D, both Ni-Cd and Ni-MH.



C-0103 Microprocessor Charger for 2/4 rechargeable batteries

Ni-MH / Ni-Cd
Charge your AA and AAA batteries from your PV system 12 V, your car, motor home, or boat. You can also connect to 230V.
Two independent channels, a bicolor LED indicates the load on each channel. Protection against overload and overheating. Automatic loading and flotation



C-0141 Solar universal power charger

Foldable solar panel suitable for powering and / or charging mobile phones, games, walkmans, portable CD players, toys, flashlights, etc. or any application requiring 3 to 6V. Also to recharge batteries. Prepared for 4 AA or AAA rechargeable batteries.



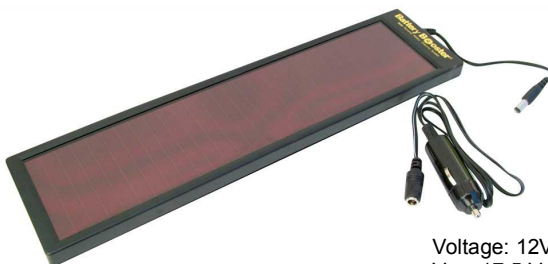
C-0140 Solar-charger mini portable solar power supply 6V 100mA

A portable or fixed, appropriate solar panel for powering and / or charging mobile phones, games, walkmans, portable CD players, toys, flashlights, etc.. It can be used to power small appliances, using the cable / connector 3.5 mm, supplied. You can recharge batteries, the compartment is prepared for 3 AA size rechargeable batteries (not included).



C-0105 Solar Charger 5 in 1

This solar charger can use in emergencies as an energy reserve. It has a solar system that protects and charges the internal battery.
You can recharge phones, PDAs, cameras, PSP, MP3 and MP4.
Once loaded you can talk on the phone approximately 30/45 minutes.
It can also be recharged by connecting the USB cable to the computer.



C-0142 Cell 21V battery maintenance

Connect your cell 12V battery and maintains the battery charge during inactivity

Voltage: 12V
Voc: 17.5 V
Current Isc: 65mA.
Dimensions: 324 x 82 x 12 mm
Connection: cable 18 cm. and DC connector

For more information sheet can be downloaded from our web



	C-0189	C-0190
Power	max. 55W (4A)	max. 55W (4A)
System voltage	12 / 24 VCC	12 VCC
Final voltage load	13,8 / 27,6V	13,8V
internal consumption	3 mA	3 mA
Working temperature	from -25° a 50°C	from -25° a 50°C
Measures	66 x 60 x 25 mm	66 x 60 x 25 mm
Weight	40 gr.	40 gr.

C-0189 y C-0190 Regulators charge for installation to 4A 55W

Charge controllers, small and reliable. Two LEDs indicate whether the battery is full or charging. Manufactured in Germany.

	C-0191	C-0192
System voltage	12 / 24 VCC	12 / 24 VCC
Current load panel	8 A	20 A
internal consumption	3 mA	3 mA
temperature Sensor	integrated	with 1.5 m Cable
Final voltage load	Normal 13,7/27,4V Desactiv. Gaseado 14,1/28,2V	Normal 13,7/27,4V Desactiv. Gaseado 14,1/28,2V
compensation temperature	-4A/K/cell	-4A/K/cell
Fuse	10 A	20 A
Working temperature	from -25° a 50°C	from -25° a 50°C
Measures	95 x 95 x 35 mm	190 x 100 x 85 mm.
Weight	240 gr.	300 gr.



C-0191 y C-0192 Regulators automatic loading facilities for 12 V and 24 V

Drivers average power load that automatically adapt to the operating voltage of 12 V or 24 V. They offer all the important functions for the control and protection required in the charging and discharging of the batteries.

The built-in temperature sensor ensures optimum working condition even under fluctuating temperatures. They are protected against short circuit and reverse polarity.

For more information sheet can be downloaded from our web

Charge Controllers



System voltage 12 V DC
 Maximum power 150 W solar panel
 Input voltage from 15.5 V to 22 V DC
 Max. Input voltage 25 V
 Panel current / 10 A load
 Constant voltage to 14.2 V gel batteries
 Constant voltage for lead-acid batteries 14.6 V
 Float Voltage 13.5 V
 Operating temperature from 0 ° to 40 ° C
 Measures 140.5 x 104 x 31 mm
 Weight 205 gr.

C-0193D Regulators Charge smart DISPLAY, 12V for facilities

Medium power solar controller equipped with a LCD screen that displays the parameters of voltage and load current. A panel of 5 LED indicates the operating, load, floating, and reverse polarity protection. The intelligent control system includes temperature protection, overload protection, short circuit and reverse polarity. A switch lets you select the type of battery.



Voltage range 12/24 VDC automatic detection
 A power module 30
 Load current 30 A
 Domestic consumption max. 10 mA
 Compens. Temperature -4mV/K/célula
 Fuse 30 A
 Temperature sensor integrated in the controller
 Charge status indicators and min. / Max. / Current
 Operating temperature -25 to 40 ° C
 Dimensions 190 x 115 x 55 mm
 Approx. 350 gr.

C-0195 Regulators microprocessor intelligent charging for installations 12V 24 V



C-0196 Solar controller MPPT 5~25 V – 3 A

Regulators with **MPPT system (Track MPP)** with an optimal use of the energy produced by the solar modules . The most efficient working point of the solar modules depends on various factors such as module temperature , radiation, etc. . This working point is permanently monitored by the internal microprocessor controller , which controls the shape of optimal performance of solar module and charging batteries with maximum current available. The solar charger is well suited for applications with mass (-) common , since the load is cut at the positive pole . Photovoltaic systems usually store energy in lead-acid batteries (with and without maintenance) , lead -gel and AGM . Lead-acid batteries must be protected against deep discharge and overcharge . **MPPT** charge controllers meet both requirements , the batteries are also perfectly managed intelligently . The switching thresholds over voltage / low voltage , load voltage , shutdown and restart are precisely controlled by the internal microprocessor to a stable temperature.

Pressing a button allows you to turn on and off all consumers connected to the **MPPT** solar charge controller .

System voltage 12/24 V DC
 For solar panels of 5 V to 25 V DC
 Current panel / load 3 A
 Domestic consumption 15 mA
 Internal consumption in stand by <1 mA
 Operating temperature -25 ° to 60 ° C
 Degree of protection IP20
 Measures 125 x 80 x 42 mm
 Weight 330 gr.



C-0301T



C-0302T



C-0307

C-0301T, C-0302T y C-0307 Converters 12Vdc to 230V 50Hz modified sine wave (pseudo-sinusoidal)

	C-0301T	C-0302T	C-0307
Power	250 VA/180 W	500 VA/300 W	1000 W
Voltage input	12 VCC	12 V CC	12 V CC
Input voltage range	11,0~14,5 V CC	11,0~14,5 V CC	10~15 V CC
Input Current	Máx: 18 A	Máx: 18 A	
Output Voltage (+10% -15%)	230 V CA – 50 Hz	230 V CA - 50 Hz	230 V CA - 50 Hz
Rated output current	1,5 A	2,5 A	
Overload capacity	110 ~ 120% (60 s)	110 ~ 120% (60 s)	
USB output	5,0 VCC	5,0 VCC	5,0 VCC
Audible alarm	sounds 60s (bat.<10,8V)	sounds 60s (bat.<10,8V)	
Measures	22 x 9,5 x 5,5 cm	22 x 9,5 x 5,5 cm	20,0 x 12,4 x 7,8 cm
weight	605 gr.	637 gr.	1.400 gr.

This is the solution to power any 230V device from a 12V battery, whether a solar system, a vehicle, a boat, a camper, etc.. Plug & Play system. Thanks to their efficiency you can see run smoothly your TV, DVD player or any device as indicated below the rated power. Because of its high peak power are suitable for inductive loads such as motors, televisions, laptops, lamps, drills, fans, etc.. except refrigerators, freezers and refrigerators with compressors engines.

The converters incorporate protections, audible alarms and automatic shutdown in case of short circuit, overload, over voltage, over temperature, low battery and reverse polarity fuse.

For more information sheet can be downloaded from our web

Solar batteries 12V



C-0350 y C-0351



C-0352



C-0358



C-0353 y C-355B



C-0354

Batteries for photovoltaic and wind installations

	Voltage	capacity nominal (20h)	Measures	Weight	Connection	type
C-0350	12 V	3,2 Ah	134 x 67 x 66,5 mm (±1 mm)	1,35 kg	Terminal T1 (4,8)	AGM
C-0351	12 V	7 Ah	151 x 65 x 94 mm (±1 mm)	2,54 kg	Terminal T1(4,8)	AGM
C-0352	12 V	18 Ah	181,5 x 77 x 167,5 mm (±1 mm)	6 kg	Terminal T3	AGM
C-0358	12 V	33 Ah	195 x 130 x 155 mm (±2 mm)	11,2 kg	Screws M5	AGM
C-0354	12 V	65 Ah	348 x 167 x 178 mm (±3 mm)	21 kg	Screws M6	AGM
C-0355B	12 V	65/75 Ah	348 x 167 x 178 mm (±3 mm)	24,5 kg	Screws M6	GEL
C-0353	12 V	100 Ah	330 x 173 x 214 mm (±3 mm)	36,5 kg	Screws M6	GEL
C-0356	12 V	150 Ah	483 x 170 x 242 mm (±3 mm)	46 kg	Screws M8	AGM
C-0357	12 V	200 Ah	522 x 242 x 220 mm (±3 mm)	63,8 kg	Screws M8	AGM

Top of Form 1

You need a good battery to store electrical energy and can use it at a time when the solar modules or wind turbines do not produce enough. The battery installation defines the genuine autonomy of the photovoltaic system and / or wind.

- All models are sealed, maintenance-free.
- Designed for deep, own solar and wind installations downloads.
- Large models are connected by small screws, with standard plug-in terminals.

For more information sheet can be downloaded from our web



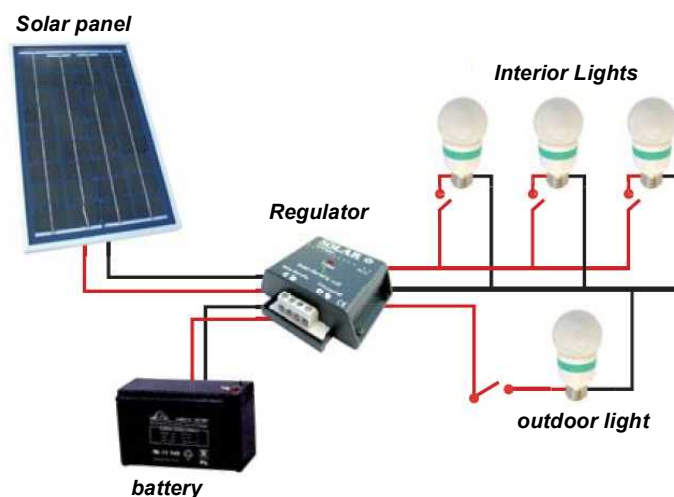
Full Packs light for solar self-installation

Each solar Pack contains :

- Crystalline silicon solar module high efficiency
- Solar charge controller to optimize performance
- AGM Solar Battery suitable for deep discharge
- LED lamps of high luminous efficiency and low power consumption, socket E27
- Choose the pack, depending on the type of lamp you need, (G50 or Spherical Par 20).
- E27 Lampholders with integrated switch for easy installation
- Fuses and Protection
- Bicolor Cable polarity to avoid errors
- Material Connection

		Hours of light	Solar panel	Battery	lamp	Cable
CP-0031	1 light point (65 lumen)	8 h	4 W	3,2 Ah	1 x 1,3 W spherical	5 meters
CP-0032	1 light point (60 lumen)	9 h	4 W	3,2 Ah	1 x 1,2 W Par 20	5 meters
CP-0061	2 light point (2x65 lm = 130 lm)	12 h/1 lamp 6 h/2 lamp	6 W	3,2 Ah	2 x 1,3 W spherical	10 meters
CP-0062	2 light point (2x60 lm = 120 lm)	14 h/1 lamp 7 h/2 lamp	6 W	3,2 Ah	2 x 1,2 W Par 20	10 meters
CP-0105	4 light point (4x65 lm = 260 lm)	12 h/2 lamp 6 h/4 lamp	10 W	3,2 Ah	4 x 1,3 W spherical	20 meters

Example of Installing a Solar Pack



For more information sheet can be downloaded from our web

Solar Packs



CP-0001 Solar pack Lighting Basics - Plug & Play

This set "all inclusive", contains a 36 LED lamp that can be adjusted in 3 levels of light. As simple to install as plugging the cable and run!

Features:

0.55 W monocrystalline solar panel with adjustable bracket and cable that plugs into the lamp, 3 selectable levels of light (36, 24 or 12 LED lighted) Rechargeable Ni-MH 2700Ah.

Provides 4-7 hours of light (fully charged battery).

Includes hardware for hanging lamp or to attach to the mast of a parasol or store.

C-0144 Solar Pack Sunbox USB - Plug & Play

The cables are already prepared with the corresponding connectors . Self-regulated electronic system automatically charges the battery when the light Solar is out , no matter how strong or weak the sunlight.

Waterproof solar panel. It can be mounted on the roof of a booth or tent . The control unit can be installed on a wall inside to turn on the light when the night comes .

The USB ports allow you to charge the battery and rechargeable AA batteries included, as well as a mobile phone , thanks to the set of adapters that are also included . You can enable a USB port for charging MP3, iPod , iPhone , etc. players .

features:

Power of solar panel: 1.8 W

Internal NiMH battery , 6 V , 1800 mAh

Output 1 (LED Bulb) : 5 V , 600 mA

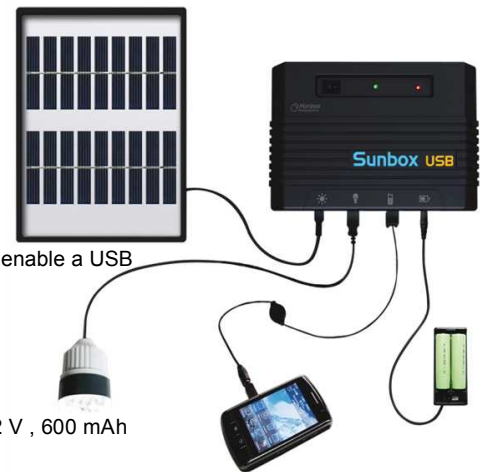
Output 2 (mobile phone charger) : 5 V , 600 mA

Output 3 (rechargeable battery holder) for two NiMH rechargeable batteries, AA size , 1,2 V , 600 mAh

LED bulb : 1.2 W Power

SUNBOX charge time : 6-8 Hours (solar panel in direct sunlight)

Bulb operating time : up to 9 hours (1.2 W bulb and SUNBOX loaded).



latest News



C-0471 Goldfinch Lamp Solar DAY and NIGHT. Incorporates internal battery. Automatically turns on at night. Stainless steel chassis.



C-0473 Kangaroo Multifunctional Solar Lamp with 7 LEDs. Day is charged under the sun and enjoying the evening light.



C-0472 Nightmoth Solar Sail. Effect similar to that of the flickering candles. Lights at night. Original effect.

C-0474 Tiger Compact Solar Charger with USB 5VDC and 12VDC output. TIGER solar charger is foldable and is converted directly into a bank of energy in the sun.

TIGER going with two 5W solar cells in total, which generates an effective output of 3.5 W.

TIGER controller integrated to stabilize the USB jack 5V and 12V output.

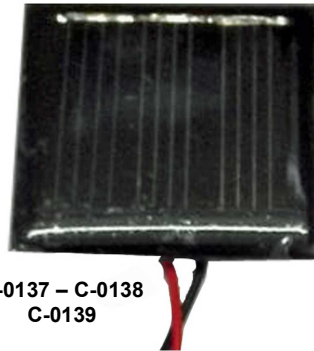


For more information sheet can be downloaded from our web

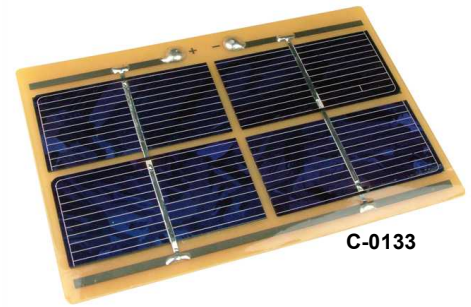
Epoxy Solar Cells



C-0120



C-0137 – C-0138
C-0139



C-0133



C-0135



C-0129



C-0130

Ref	Power	Voltage Voc	Isc	Vm	Im	Measures	Connections	Lot
C-0120	45 mW					45 x 25 mm.	Screw	4 u.
C-0129	680 mW	1,8V	380 mA			115 x 60 mm.	Screw	1 u.
C-0130	250 mW	1V	250-210 mA			62 x 46 mm.	Terminales	1 u.
C-0133	1100 mW	2V	550-470 mA.			137 x 90 mm.	Terminales	1 u.
C-0135	180 mW	0,55V	330 mA			65 x 34 mm.	Screw	1 u.
C-0137	110 mW	1,5V	75 mA.	1,0V	56 mA.	40 x 40 mm.	Cable AWG26	4 u.
C-0138	150 mW	1,5V	100 mA.	1,0V	75 mA.	40 x 40 mm.	Cable AWG26	4 u.
C-0139	250 mW	1,5V	170 mA.	1,0V	105 mA.	61 x 61 mm.	Cable AWG26	4 u.

These cells are recommended for initiation and learning practices of photovoltaics.

The cells are suitable for feeding toys, robotics, small electronics and sustainable educational projects requiring autonomous power supply.

Can groups several cells in series and / or parallel to achieve the desired voltage and current flow.

For more information sheet can be downloaded from our web

Solar Panels



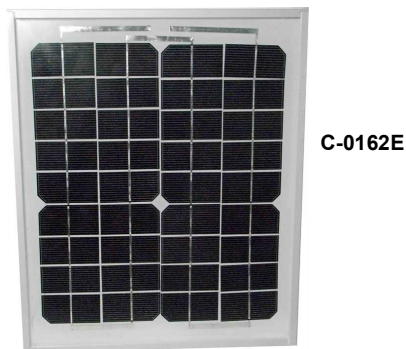
C-0151B



C-0157B



C-0158

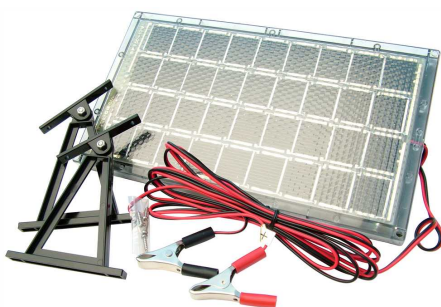


C-0162E



C-0154B

Reference	Power	Nominal Voltage Vn	Max output voltage	Measures	weight
C-0151B	0,72 W	6 V	9 V	110x150x18 mm	275 gr.
C-0153B	4,00 W	12 V	18 V	215x225x18 mm	250 gr.
C-0154B	6,00 W	12 V	18 V	270x310x18 mm	640 gr.
C-0157B	3,60 W	18 V	200 mA	190x205x18 mm	545 gr
C-0158	5,00 W	9 V	11 V	310x155x18 mm	621 gr.
C-0162E	10,00 W	12 V	17,4 V	360x300x28 mm	1200 gr.



C-0156 Solar panel for outdoor

Sealed in a transparent polycarbonate housing Solar Panels with lightning protection, water-resistant, corrosion, moisture and shock resistant. They are ideal for boats.

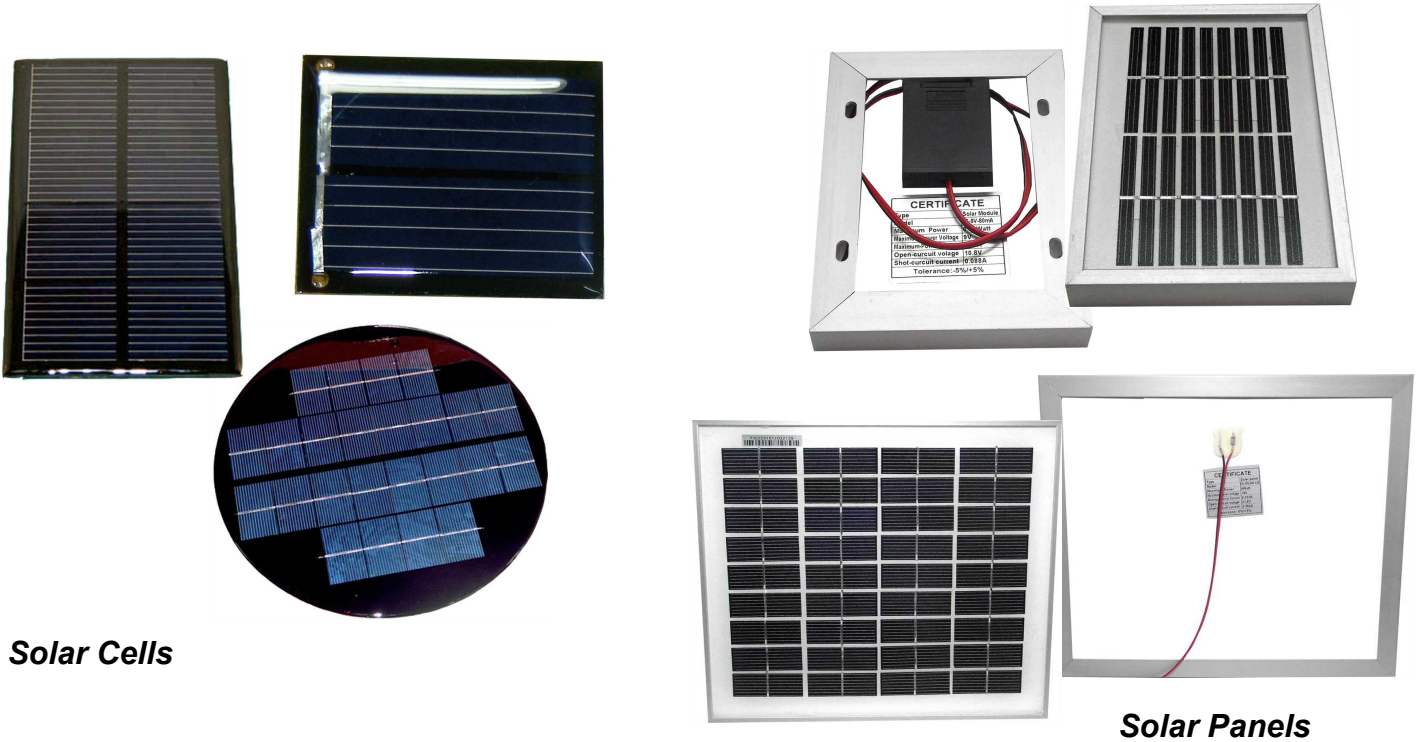


C-0157 Solar panel for outdoor

Reference	Power	Voltage	Voltage Voc	Corriente ISC	Measures	weight
C-0156	2,88 W	12 V	18 V	150/160 mA	278x159x17 mm	535 g
C-0157	4,50 W	12 V	18 V	200/250 mA	255x187x17 mm	630 g

For more information sheet can be downloaded from our web

Solar Panels



Solar Cells

Solar Panels

Fadisel offers the possibility to make custom solar panels, and do it in reasonable amounts. (100, 200 , 300, 500, ..) .

For example , we have manufactured to order:

- 2.5 w solar panels , with aluminum frame and glass, Rectangle , with junction box , or not, only 2 wires to connect.
- Solar cells connected 3 w on a circular base, or round (picture example).
- Solar panels, frame 3 and 6 watts to recharge batteries.

Solar panels to manage their trading, supply the requested sample and take care of monitoring the whole process to the final delivery .

We supply solar panels as anywhere :

- Europe, South America and Arab Countries .

* Select the manufacturer of the solar panel, depending on the model and the price offered . We provide the necessary import licenses , quote prices in euros with customs fees already included , and postage calculated on arrival .

Environmental meters



C-7301 Digital meter 1-axis magnetic fields (Gaussmeter) 3 ½ dig

This digital instrument is used for measurement of electromagnetic fields very low frequency, between 30 and 300 Hz. It is capable of accurately measuring radiation intensity of electromagnetic fields generated by electrical transmission equipment, etc..



C-7302 Digital meter RF fields (Microwave leakage detector) 3 ¼ dig.

Digital for measuring high frequency electromagnetic fields (RF), from 50 MHz to 3.5 GHz instrument. It is capable of measuring the intensity of electromagnetic fields produced by the transmission equipment and mobile phones also computers without wireless LAN (Wi-Fi) and microwave ovens.



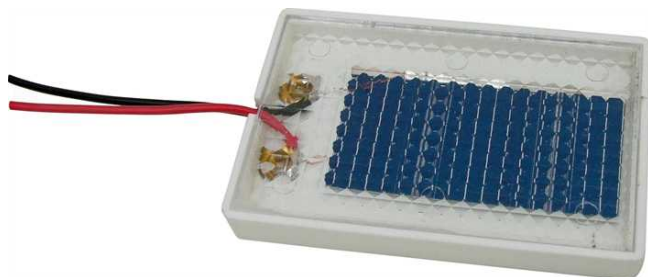
C-7304 Digital solarimeter. 3 ½ digit

Simple handheld use for measuring solar radiation accurately and easily treat the general data. Essential in the research, calculation and installation of solar collectors.



C-7300 Electromagnetic radiation and detector Gauss Meter

Handheld computer to detect and measure electromagnetic fields (EMC / EMF Electro Magnetic Field), with the push of a button. This Gaussmeter is simple, accurate and affordable. You can quickly and accurately measure the level of electromagnetic fields emitted by all common electrical appliances and equipment. The allocation is made by LED level indicators milliGauss 1.5 to 30, that allow measurements in complete darkness.



C-0121 Calibrated photovoltaic cell

These monocrystalline silicon cells have been individually calibrated in an approved laboratory. Supplied with the corresponding chart that relates the output current with solar radiation. Connecting the cell to a current meter, and thanks to the values in the table, we know the solar radiation.

C-7306 Digital Light Meter

Luxs LCD digital meter.
Wide range: 1 - 100,000 lux. Includes probe photodetector.
Simple and practical operation. Automatic zero (RESET).
Ideal for measuring the light intensity in schools, hospitals, homes and offices .



NEW

For more information sheet can be downloaded from our web



SC-713 Solar electric fence

Repels and prevents animals from entering your garden, orchard or field. Prevents their own animals escaping or penetrating other areas.

The Pack includes:

- 1 Professional Electrifier
- 1 Battery
- 1 solar panel
- 12 Specialty poles 156 cm, insulating plastic, white.
- 250 m. special thread for electric fencing.

Specifications of energizer:

- Two working lights (battery and high voltage).
- Energy Charge: 1.5 Joules
- Shock Energy: 1.2 Joules.
- Max. cto. Open: 9.000 V
- Voltage on 500 Ohm load: 5000V
- Range under optimum conditions 11 km of fencing.
- Reach with little vegetation: 5 km fence.
- Overgrown Range: 2 km of fencing.



SC-710B Solar Repels Mosquitoes

The operation is the same as the others anti-mosquito emits low frequency, which bothers female mosquitoes, which are the typically bite humans. Without batteries.



SC-712C Solar Lamp repels mosquitoes

Eliminates mosquitoes electric discharge light using as bait. It has two light environments and power. White and purple for ambient lighting for a more brightness in sleep and increased activity against mosquitoes. During the day powered by the sun.

For more information sheet can be downloaded from our web

Lamps LEDS 230VAC low power



Reference	Type	Power	luminosity	Leds
C-0903BC	GU10	4 W	320 lm	3 u.
C-0903BF	GU10	4 W	352 lm	3 u.

LED lamps 12V low power



C-0810BC-BF



C-0830



C-0831BC-BF



C-0841-C0842 BF

Reference	Type	Power	Luminosity	Leds
C-0810BC	Empotrable	1,8 W		30 – 5 mm
C-0810BF	Empotrable	1,8 W		30 – 5 mm
C-0830BC	MR-11 – G4	0,4 W	20 – 25 lm	15 – 3 mm
C-0830BF	MR-11 – G4	0,4 W	20 – 25 lm	15 – 3 mm
C-0830A	MR-11 – G4	0,4 W	20 – 25 lm	15 – 3 mm
C-0830R	MR-11 – G4	0,4 W	20 – 25 lm	15 – 3 mm
C-0830V	MR-11 – G4	0,4 W	20 – 25 lm	15 – 3 mm
C-0831BC	MR16 – G5,3	1,2 W	30 – 25 lm	21 – 3 mm
C-0831BF	MR16 – G5,3	1,2 W	30 – 25 lm	21 – 3 mm
C-0831RGB	MR16 – G5,3	1,2 W	30 – 25 lm	21 – 3 mm
C-0832BC	MR-16 – G5,	3 W	100 – 120 lm	3 – 1 W
C-0841BF	E-27 – B50	1,3 W	65 ml	6 – SMD
C-0842BF	E-27 – B50	2 W	130 ml	12 – SMD
C-0850BC	E-27 Par 20	1,2 W	50 – 60 lm	36 – 5 mm
C-0851BC	E-27 Par 30	1,5 W	70 – 80 lm	50 – 5 mm
C-0852BC	E-27 Par 38	2 W	100 – 120 lm	78 – 5 mm
C-0853BF	Par 56	5 W	210 – 260 lm	150 – 5 mm



C-0832BC



C-0853BF

For more information sheet can be downloaded from our web

INDEX

C-0101	12	C-0473	18	C-0830R	24
C-0103	12	C-0474	18	C-0830V	24
C-0105	12	C-0475	7	C-0831BC	24
C-0120	19	C-0476	7	C-0831BF	24
C-0121	22	C-0477	6	C-0831RGB	24
C-0129	19	C-0478	6	C-0832BC	24
C-0130	19	C-0479	6	C-0841BF	24
C-0133	19	C-0480	11	C-0842BF	24
C-0135	19	C-0490	11	C-0850BC	24
C-0137	19	C-0496	7	C-0851BC	24
C-0138	19	C-0497	6	C-0852BC	24
C-0139	19	C-0498	7	C-0853BF	24
C-0140	12	C-0499	7	C-0903BC	24
C-0141	12	C-0500	6	C-0903BF	24
C-0142	12	C-0518	6	C-1000	5
C-0144	18	C-0520	8	C-1001	5
C-0151B	20	C-0521	8	C-1002	5
C-0153B	20	C-0522	8	C-1004	5
C-0154B	20	C-0523	8	C-1010	4
C-0156	20	C-0524	8	C-1011	4
C-0157	20	C-0526	8	C-1012	4
c-0157B	20	C-0620B	9	C-1014	4
C-0158	20	C-0621	9	C-1015	4
C-0162E	20	C-0622	10	C-1020	4
C-0177	11	C-0623	10	C-1021	4
C-0189	13	C-0624	9	C-6000	3
C-0190	13	C-0625	9	C-6001	3
C-0191	13	C-0627	9	C-6002	3
C-0192	13	C-0628	9	C-6004	3
C-0193D	14	C-0629A	8	C-6005	3
C-0195	14	C-0629P	8	C-6011	3
C-0196	14	C-0629R	8	C-6012	3
C-0301T	15	C-0630	10	C-6013	3
C-0302T	15	C-0631	10	C-7300	22
C-0307	15	C-0632	10	C-7301	22
C-0350	16	C-0633	10	C-7302	22
C-0351	16	C-0635	10	C-7304	22
C-0352	16	C-0700	2	C-7306	22
C-0353	16	C-0702	1	CP-0001	18
C-0354	16	C-0703	1	CP-0031	17
C-0355B	16	C-0704	1	CP-0032	17
C-0356	16	C-0705	1	CP-0061	17
C-0357	16	C-0706	1	CP-0062	17
C-0358	16	C-0707	2	CP-0105	17
C-0402	11	C-0751	11	SC-710B	23
C-0411	11	C-0810BC	24	SC-712C	23
C-0418	11	C-0810BF	24	SC-713	23
C-0419	7	C-0830BC	24		
C-0471	18	C-0830BF	24		
C-0472	18	C-0830A	24		



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