

# SUNLOVER

## PV – LED PRODUCTS CATALOGUE 2018

SOLAR PRODUCTS FOR A SUSTAINABLE  
FUTURE FREE FROM THE SUN.

PV / LED SKY LIGHTS

OUTDOOR SENSOR LIGHTS

STREET LIGHTING

ATTIC FANS

ACCESSORY CHARGING

OFF GRID LIGHTING

SOLAR LED LIGHTS

Sunlover PV and LED product solutions tailored for Australian families on and off grid applications.

## SolarEast

*AUSTRALASIA*

---

## PV / LED PRODUCTS

---

2/10-12 Cerium Street, Narangba, Queensland 4504  
PO Box 265 Beachmere Queensland 4510  
P: 1300 668 886 | E: [sales@solareast.com.au](mailto:sales@solareast.com.au)

# About Us

Australians have never been more aware of the importance of energy conservation. Our household energy costs continue to sky-rocket placing unnecessary burden on Australian families and businesses. In addition, we are all beginning to better understand the effects of greenhouse gas emissions and potential effects to global warming and our future generations. It affects us all and it will continue to escalate.

SolarEast Australasia Pty Ltd is a Joint Venture Australian Corporation. The major focus of SolarEast Australasia is "Free from the Sun" Sunlover solar technologies.

Sunlover Products by SolarEast Australasia have been specified and designed by Australian engineers,

however equally importantly, designed in close cooperation with our Australian and New Zealand customers. Sunlover Products are designed specifically to combat household energy usage at affordable householder prices.

All Sunlover Products are aesthetically pleasing, designed using only the highest quality components, manufactured for fast, fail-safe installation with industry best warranty and priced to be affordable to Australian Householders. Sunlover Products are essentially DIY for competent persons and come with industry best warranties based on trouble-free operation in Australia in recent years.

SolarEast is committed to providing the Australian and New Zealand populations with excellent product and affordable pricing. Further, SolarEast will continue to develop new products as our solar market continues to mature.

# SUNLOVER



---

2/10-12 Cerium Street, Narangba, Queensland 4504  
PO Box 265 Beachmere Queensland 4510  
P: 1300 668 886 | E: [sales@solareast.com.au](mailto:sales@solareast.com.au)

---

# Contents



**04** Sunlover Skylights



Sunlover Skylights  
3 Easy Steps  
to Installation

**05**



**06** Sunlover Motion Sensing PV / LED Lighting



Sunlover Attic Fans

**07**



**08** Sunlover Appliance Chargers



SK Series Sunlover  
Off-Grid Lighting  
and Power

**09**



**10** SK Series Sunlover Integrated Lighting

**11** Terms & Conditions

# Sunlover Skylights

The Sunlover Skylight cleverly harnesses energy from the sun and efficiently converts this energy for use with a high performance long-life LED flush-mounted light.

The system is simple! A small PV panel located on your roof connected to a LED surface mounted light in your ceiling via the electrical plug-in cord provided and you have all year round free light to your house whenever the sun shines.

Ideal for kitchens, bathrooms, pantries, ensuites, walk-in robes.... the list is endless! Enjoy the energy savings of not switching on a light during daylight hours by installing DayLite. The benefits start immediately.



**BEFORE...**  
Photo of the Dark and Gloomy Kitchen



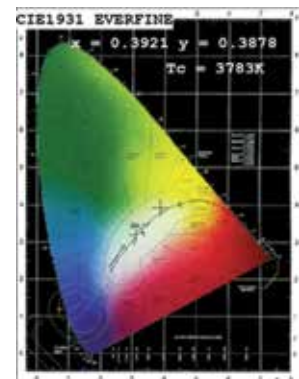
**AFTER...**  
Installation Of Our Super Sky Light which transforms the kitchen into a nice bright workspace

"Our kitchen used to be dark and gloomy so we had to put the light on during the day which costs money.

Now we have a solar skylight its always bright and welcoming!"

## Features include:

- Easy and quick Installation – DIY Installation
- No potential leaks, insects or transmitted heat in Summer months
- Zero running costs – saves electricity
- No connected mains power (except Model SE2018 with AC/DC connection)
- Long-life LED Light
- Low Voltage DC only so no electrician required
- Nite-Lite available with rechargeable LiFe battery for night-time use
- Tempered Glass PV Solar Collector
- 9 metres of cable between collector and LED light.



Model	Size	Lumens	Suitable For
SE2012	300mm Round	1200	Laundry, Ensuite, Pantry
SE2013	300mm Square	1200	Laundry, Ensuite, Pantry
SE2014	300mm x 600mm	2200	Hallways and Entrance Foyers
SE2016	300mm Round	2200	Bedroom, Living Rooms, Bathrooms, Dining Room
SE2017	300mm Round Nite-Lite	2200	As per SE2016 with storage battery and sensor detector for night-time operation
SE2018	300mm Round AC/DC Switching	2200	As per SE2016 with AC/DC switching for daylight and night-time operation and convenience

# Installation

# 3 Simple Steps

3 simple steps to install your solar powered skylight (Note: Full installation Instructions are available on [www.solareast.com.au](http://www.solareast.com.au). The instructions must be read carefully prior to installation).

- No restrictions where light is located in the house, shed or garage.
- No leaks in roof, common in conventional sky-lights
- 15W or 25W depending on room size



**1.** Assemble and secure your solar panel on the roof as per the Installation Instructions and drop down the 9 metres of cable in the roof cavity.

**Solar Sky Light**  
(no roof hole needed)



**2.** Cut a hole with a suitable plaster cutting implement using the template provided for you in the LED Light Box. The hole must be located away from roof timber or metal supports and care must be taken to ensure no electrical or data wiring is present in the cut-out area.



**3.** Simply plug the cable into the controller and then into the LED light. The LED light can then be fitted into the plaster ceiling cutout and the installation is complete. The light is flush mounted with the surface of the plasterboard ceiling.



## Specifications

- Solar Panel – 5.5V 0.75W
- Power – 1 Watt
- Size – L105 x W53 x H138mm
- Sensor angle – 90 to 120 degrees
- Sensitivity distance – 3 metres
- Working temperature – -5 to 60C

## Sunlover Motion LED Lighting

The SR4000 series of PV/LED products represents an exciting addition to SolarEast's range of energy saving products for the Australian Industry. Never before has there been such a ground-swell of support in Australia and around the world for reduction of greenhouse emissions and unity of support for providing our future generations with a cleaner, healthier and more sustainable environment.

The SR4200 Solar Motion light integrates a compact PV panel with Grade A+ long life batteries and an intelligent sensing system, the SR4200 auto sensing solar motion light has a 16LED display that will

detect motion and switch from 30% power (dim mode) to 100% power.

### Features & Benefits

- Easy to install on walls, trees, metal and glass
- Intelligent sensing system provides overcharge, overvoltage, short circuit and more security protection
- Auto-sensing – detects light brightness and human motion automatically
- During day-light, the unit will stay inactive even when movement is detected
- No wiring, solar power, convenient and safe
- Housing material is high quality ABS + PC, dustproof and rated IP65 waterproof, perfect for outdoor use

"I installed several SolarEast Motion Sensor Lights at my beach house early in 2016. The sensor lights are completely exposed to the elements of wind, salt air and rain. The motion sensor lights continue to work every night and re-charge during the day with sunshine. I thoroughly recommend the SolarEast motions sensors for gardens, carports, patios and around garages etc. These lights require no electricity and are excellent products".

*Amanda,  
Sunshine Coast, QLD*

# Sunlover Attic Fans



In Australia, close to 40% of total residential power usage can be attributed to heating and cooling. By cooling the ceiling in summer and reducing damp and moist air in winter, SolaVent can improve the comfort of your home and its indoor air quality. Where homes have air conditioning installed, SolaVent can save hundreds of dollars each year by improving the efficiency of your air conditioning system.

SolarEast Australasia's Model SAF15IN (Galvanised steel construction) and SAF15C (Aluminium and stainless steel construction) PV Attic Fans will quietly and efficiently cool and dry your attic whenever there is sun.

With a 6-21V brushless DC motor for long life, the SAF15 Range of Attic Fans reduces energy costs by:

1. Reducing the need to run costly air-conditioners and ceiling fans in hot conditions;
2. Increases efficiency of ducted air-conditioning systems reducing energy costs;

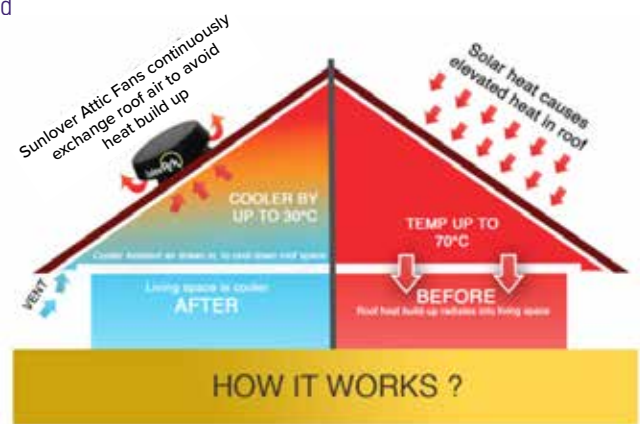


3. Energy for exhaust DC motor is free from the sun; no additional power is required

## Features & Benefits

- Easy Installation – DIY
- Operates without wind
- Thermostatically Controlled
- Insect Resistant
- Suitable for Commercial and Residential Installation
- Saves high-cost electricity by cooling roof cavity
- No running costs – powered by solar
- 10-20 times more efficient than traditional Whirly-birds

- Quiet Operations
- No Carbon Emissions
- PV Panel tilts to capture maximum PV contribution
- Tempered Glass Solar Panel
- Contributes to fresh air in ceiling – reduces moisture



## Product Specifications

Model Numbers	SAF15IN (Galvanised Steel) and SAF15C (Aluminium)
Cooling Capacity (Area)	Up to 120 Square Metres
PV Panel (W)	20W/18V 1.11A
Size (mm)	530x530x250mm
Weight (kg)	16.5
Surface Finish	UV Stabilised Black Powder Coating
Fan Blade Material	Aluminium (14" for increased air-flow performance)
Vent Opening (mm)	368
Motor Type	6-21V DC (Brushless) – No wiring Required, Long Life
Thermostat Operating Temperature	28°C Thermostat: On: 28°C +/- 3°C; Off: 21°C +/- 3°C
Exhaust Capacity (M <sup>3</sup> /Hour)	2,295 CMH

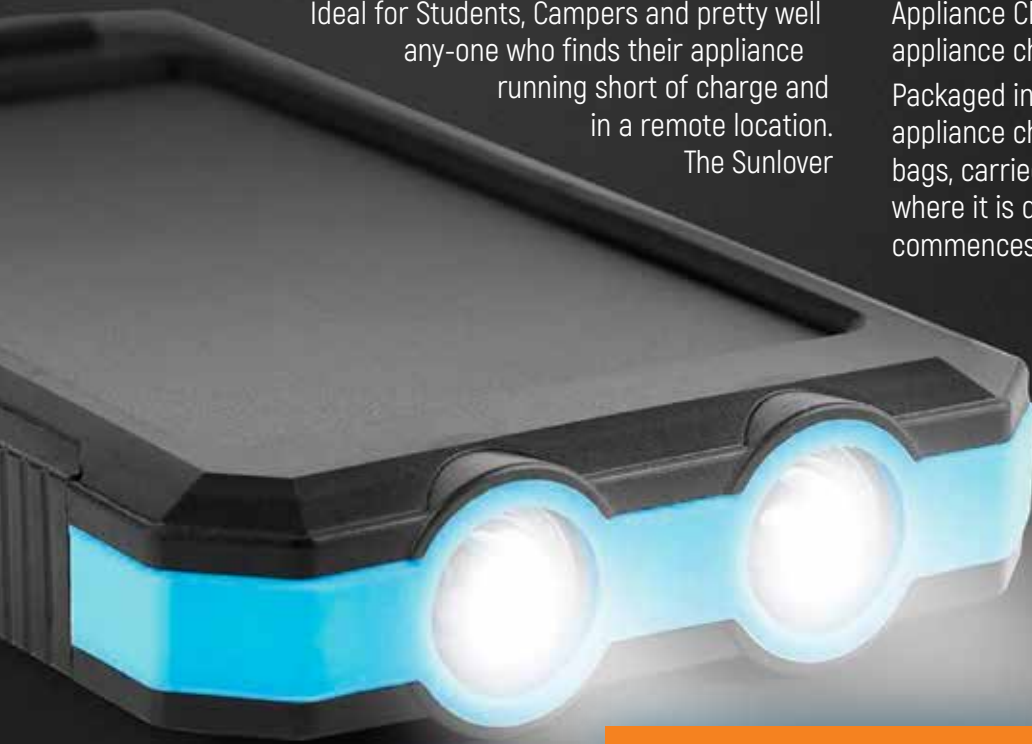
"A business colleague and I installed two SolarEast PV powered attic fans on our houses on the Darling Downs with great results. We noticed a substantial drop in roof cavity temperature of up to 8 degrees C and the fans continue to work extremely well, saving us energy costs on our air-conditioning systems"

**Terry Davis ACDC Energy.**

# Sunlover Appliance Chargers

Ideal for Students, Campers and pretty well any-one who finds their appliance running short of charge and in a remote location. The Sunlover

Appliance Charger will act quickly to restore the appliance charge without cost or inconvenience. Packaged in a robust ABS case, the Sunlover appliance charge is ideal to be clipped to school bags, carried on all forms of transportation where it is quickly attached to the appliance and commences the charging cycle.



- › High IP68 Weatherproof Rating
- › Dual Charging Capacity
- › Robust Construction
- › Compact size, large capacity



## Product Specifications

Battery Type	10000mAh Lithium Polymer Battery
Solar Panel	5V, 280mA
Input	DC 5V / 1.5A
USB Output Voltage	DC 5V
USB Output Current	2 Ports, each 2A
Dimensions (mm)	139 x 77 x 22
LED Power	2 x 1W
Colour	Black
Battery Charging	Via USB and PV Panel
Battery Discharge	Auto shut-down on low battery charge
Main Material	ABS
Other Features	Inbuilt Compass, LED Torch
Water Ingress Protection	IP68



# SK Series Sunlover Off-Grid Lighting and Power



## PRODUCT SPECIFICATIONS

MODEL	SK-15W	SK-30W	SK-50W
PV Solar Collector (Polysilicon)			
Power	18V - 15W	18V - 30W	18V - 50W
Panel Dimensions (mm)	385 x 285 x 17	500 x 410 x 20	535 x 720 x 20
Battery - High Efficiency Lead Acid	12V 9AH	12V 18AH	12V 24AH
Controller	12V 3A	12V 5A	12V 10A
Product Size (mm)	198 x 97 x 145	292 x 102 x 210	300 x 180 x 240
Weight (Gross Weight - KG)	6.00	12.80	18.20
Charging Time (approx and average - hours)	18	18	18
Working Time			
SK-15W	2 Pcs 3W DC LED - between 18-30 Hours		
SK-30W and SK-50W	3 Pcs 3W DC LED - between 18-30 Hours		
Working Temperature	-20C to 55C	-20C to 55C	-20C to 55C

## FUNCTION

Functions include: over-charge, overload and short circuit protection. Overcurrent protection is by a SA Fuse located on the face plate of the battery compartment.

## PRODUCT - SOLAR PORTABLE HOME SYSTEM

Solar Portable Home System includes solar charge, storage, discharge control and load use. It has low power consumption high efficiency, system security protection and multi-power-source output.

The complete Sunlover system is comprised of four parts: solar module, charge and discharge management module, battery and optional load.

## Application

- Solar charge battery.
- AC to DC battery charge.
- Home Lighting (LED).
- Charge computer, television, media, etc.
- USB Booster.

"Our family enjoys camping for three weeks every year and this year we trialed the Sunlover SK-15 Off-Grid Light and Power System in our caravan. By day the panel, located outside of the annex, charged the battery and by night, we enjoyed light from the 2 led lights that were sufficient to light our camping site. Rainy days without sunshine were no problem, the battery life was amazing!"

*Nicola, Brisbane, Qld.*



# SK02-5W SUNLOVER Integrated Street Lighting

The SK02-5W Integrated Street light is constructed from heavy duty, UV stabilised ABS material and has a multitude of uses including your house.

- Entrance to houses, garages and carports.
- Public areas, including: schools, marinas, street lighting and car parks.
- Camping sites, farms and other rural applications.



## Product Specifications

Solar panel	Poly crystalline 5W
Li-PO Battery	4AH / 74V
Infra-red sensor	Detection distance: 7-9m. Detection Angle: < 140°
Lighting sensor	The light will only turn on when it detects darkness.
Timing control	Lamp operates in darkness hours.
LED Working Mode & Back Up Time	Whilst not detecting movement with PIR control, brightness is 1w (100LM). When sensor detects people LED Light switches to SW (500LM). Brightness changes according to remaining battery power.
LED Coverage	Angle: 120°, Area: 6mX6m
Power button	Upspring = Off / Push down = Auto
You must push power button switch down to activate to lighting mode.	
Charging time	6-8 hours
Working Temperature	-20°-+75°
Installation advice	Height:3-4m, distance between lights : 6-8m
Water proof class	IP65
Warranty	2years

**SUNLOVER**

P: 1300 668 886 | E: sales@solareast.com.au

# Terms & Conditions

## GENERAL TERMS AND CONDITIONS FOR TRADE OF SOLAREAST AUSTRALASIA PTY LTD

### Validity of General Terms and Conditions

The following Terms and Conditions of Sale are to be read in conjunction with the complete SolarEast Terms and Conditions of Sale available from SolarEast Australasia Pty Ltd. By calling 1300 668 886 or emailing admin@solareast.com.au.

### OFFER AND CONCLUSION OF A CONTRACT

A quotation is not an offer by SolarEast to sell or supply and may be withdrawn or varied at any time prior to SolarEast's acceptance of an Order, and is void after thirty (30) days unless extended in writing by SolarEast.

Any and all drawings, illustrations, measures, weights or other performance data related to a quotation or an offer to a Purchaser will only be binding if they are explicitly agreed in writing by SolarEast.

### Passing of Risk

All Products will be at the Purchaser's risk from the point of delivery as defined in clause 4. Insurance cover is the responsibility of the Purchaser, and SolarEast will not be responsible for any loss or damage occurring after the point of delivery.

### Liability for Defects or Shortfall

If there is any shortfall in the number of Products, or if the Products are damaged during delivery, the Purchaser will inform SolarEast within three (3) days from the date of delivery. If the Purchaser does not, then SolarEast will not be responsible for any loss or damage suffered by the Purchaser as a result of the shortfall or damage.

### INDEMNITY

Subject to clause 14, the Purchaser indemnifies and holds SolarEast harmless from and against all liabilities, losses, damages, costs or expenses incurred or suffered by SolarEast and from and against all actions, proceedings, claims or demands made against SolarEast, arising in either case as a result of:

- 7.1.1 the Purchaser's failure to comply with any laws,

rules, standards or regulations applicable in relation to the Products or the use of the Products;

- 7.1.2 any use of the Products contrary to any instructions or warnings given by SolarEast;
- 7.1.3 any other negligence or any breach of duty by the Purchaser;
- 7.1.4 any compliance or adherence by SolarEast with any instructions by the Purchaser in relation to the Products or their manner of preparation; or
- 7.1.5 any failures resulting from the incorporation of, or failure of, non-SolarEast manufactured or supplied parts in the Products.

### RESERVATION OF TITLE

The Products remain the sole and absolute property of SolarEast as legal and equitable owner, and the property in and title to the Products will not pass from SolarEast to the Purchaser until the Purchaser has paid SolarEast in full for the Products and for all other Products and Services supplied by SolarEast.

### Construction Modifications

SolarEast reserves the right to modify the construction of Products at any time, however, SolarEast is not obliged to carry out such modifications to Products already delivered.



# SUNLOVER

2/10-12 Cerium Street, Narangba, Queensland 4504  
PO Box 265 Beachmere Queensland 4510  
P: 1300 668 886 | E: sales@solareast.com.au

# FREE FROM THE SUN!

Australian's currently pay excessive electricity costs. Making small, inexpensive changes to the way we light and cool our homes can save substantial amounts of dollars. All products listed in the brochure are DIY for competent people and will start saving you money from the day that they are installed.  
Thank you for considering our products.



# SUNLOVER

"Fight rising energy costs,  
harness power from the sun,  
reduce your energy costs"

