

Opto Collection

Our Highest Performance Standard Modules

Shaping a Sustainable Future

Opto (80W) Module - Supporting Traffic Monitoring Devices

SolarCapture

Solar solutions for people and planet.

At *Solar Capture*, our vision is set on making renewable solar energy accessible to everyone. We want to empower generations to use clean renewable energy as a means of powering the future. Through a balance of collaboration, cutting-edge technology and honest business application we can, and we are making great change. And we want you to be a part of that.



enquiries@solarcapturetechnologies.com
phone: +44 (0) 1670 704512
www.solarcapturetechnologies.com



Performance, Delivered.

The Opto Collection

Our highest performance standard modules. From Highways to Monitoring Devices, our robust Opto solar panels offer flexible solutions to a variety of applications. Unlike imported solar panels, we design and manufacture our modules to ensure the highest performance and efficiency achievable. With our custom anodised frame, this ensures each panel can be mounted to both surface and bracket configurations.

Why choose an Opto Module?

- High efficiency mono crystalline cells
- Plug-and-play energy solution
- Rapid deployment and installation
- Designed and manufactured in the UK
- Anodised aluminium frame
- Optional mounting locations and bracket kit
- Customisable dimensions and specifications
- Long performance life span

Opto PV Modules

Opto 25W PV Module

Max Power - 25W
(Power tolerance -0 +5%)
Dimensions - 450mm x 450mm
Approximate Weight - 3kg

Opto 30W PV Module

Max Power - 30W
(Power tolerance -0 +5%)
Dimensions - 680mm x 320mm
Approximate Weight - 3.3kg

Opto 40W PV Module

Max Power - 40W
(Power tolerance -0 +5%)
Dimensions - 680mm x 450mm
Approximate Weight - 4.2kg

Opto 50W PV Module

Max Power - 50W
(Power tolerance -0 +5%)
Dimensions - 680mm x 530mm
Approximate Weight - 5.4kg

Opto 80W PV Module

Max Power - 80W
(Power tolerance -0 +5%)
Dimensions - 680mm x 765mm
Approximate Weight - 7.7kg

Opto 100W PV Module

Max Power - 100W
(Power tolerance -0 +5%)
Dimensions - 680mm x 970mm
Approximate Weight - 9.8kg

Opto 125W PV Module

Max Power - 125W
(Power tolerance -0 +5%)
Dimensions - 680mm x 1202mm
Approximate Weight - 12.2kg

Module data sheets are available
upon request. For pricing and further
information, please contact:

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solarcapturetechnologies.com

Materials and Finishes

Materials

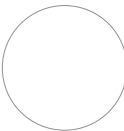
Extruded aluminium
6063 T6

Toughened low iron
glass front module

Finish



Natural anodised
(standard finish)



Custom specified anodised /
powder coated finish

Customisation

We're able to adapt Opto PV modules to suit your specific requirements. Whether it's a custom power specification, or a bespoke module size, we can deliver the optimal solution for you. Want to know more? Contact enquiries@solarcapturetechnologies.

- Custom voltage and electronic specifications
- Adaptations for end-user fittings / electronics
- Custom mounting brackets
- Bespoke frame colours and finishes

Specification Overview

	Max Power (W)	Dimensions (mm)	Weight (kg)
Opto 25	25	450 x 450	3
Opto 30	30	680 x 320	3.3
Opto 40	40	680 x 450	4.2
Opto 50	50	680 x 530	5.4
Opto 80	80	680 x 765	7.7
Opto 100	100	680 x 970	9.8
Opto 125	125	680 x 1202	12.2

A person wearing blue nitrile gloves is handling a large, rectangular solar panel. The panel is dark with a grid of thin, light-colored lines. The person is wearing a blue and white checkered shirt. The background is a bright, out-of-focus indoor setting.

More than just a solar module.

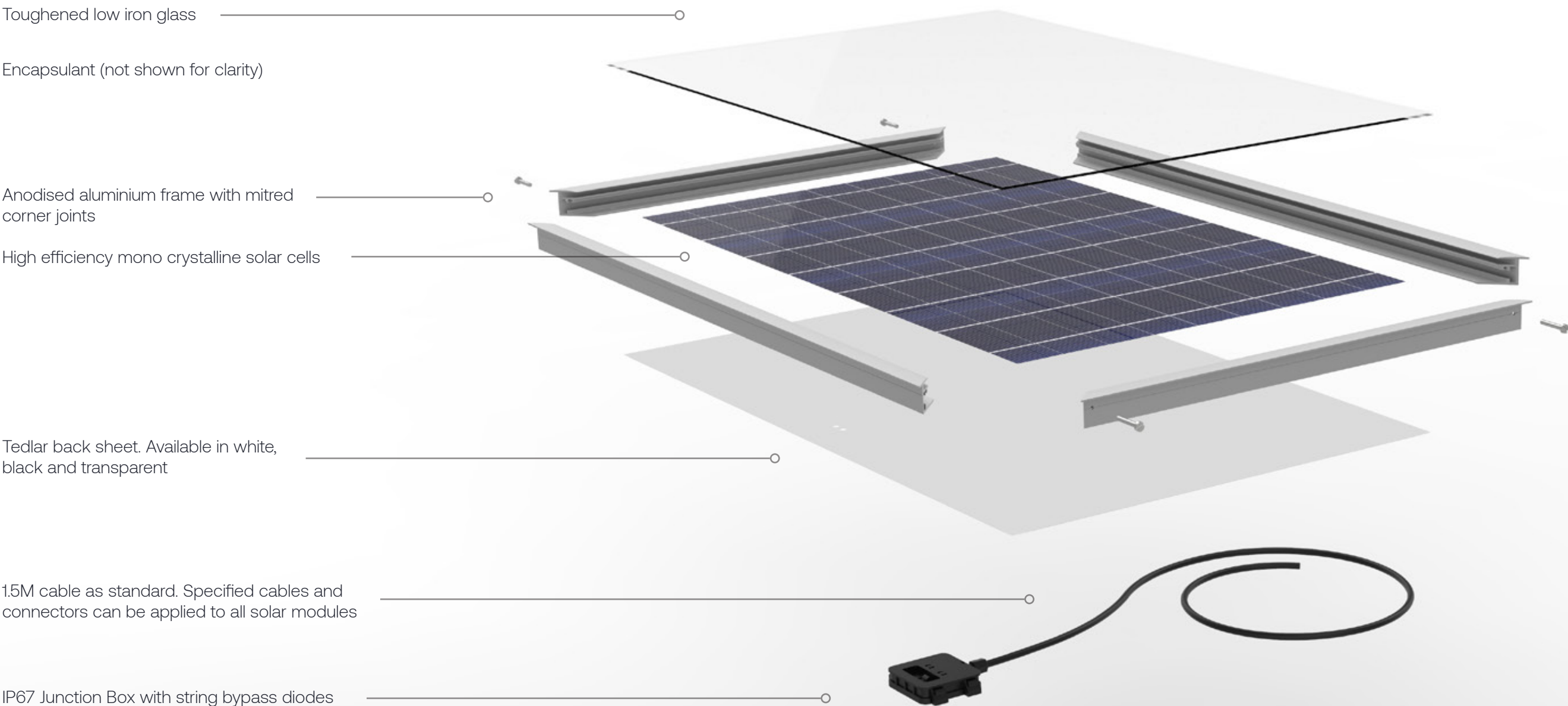
We're here to help you achieve the best solar solution possible. Whether it's understanding more about an individual module, or you are looking for a complete system design (including charge controllers and batteries), our technical team can provide you with all the support needed to get your solar solution up and running. Please contact;

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Mechanical Specification

(Construction Overview)

We're able to adapt any Opto module to suit your requirements. To learn more about options for customisation see: solarcapturetechnologies.com




Applications


Performance, guaranteed.

Shown right; Opto 80W PV module with angled mounting bracket. Supporting roadside traffic monitoring devices.

Solar Capture Opto modules have been supplied to a variety of industry sectors including:



Agriculture



Parking & transport monitoring



Smart Cities



Network



Emergency aid support



Security



Environmental monitoring



Water supply & protection



Highways & Roadside



Have questions
on how solar can
work for you?

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