

# SOLAR PANELS

A range of high performance UK manufactured silicon cell solar panels.

## Super Light

A range of ultra thin, tough panels that have a degree of flexibility

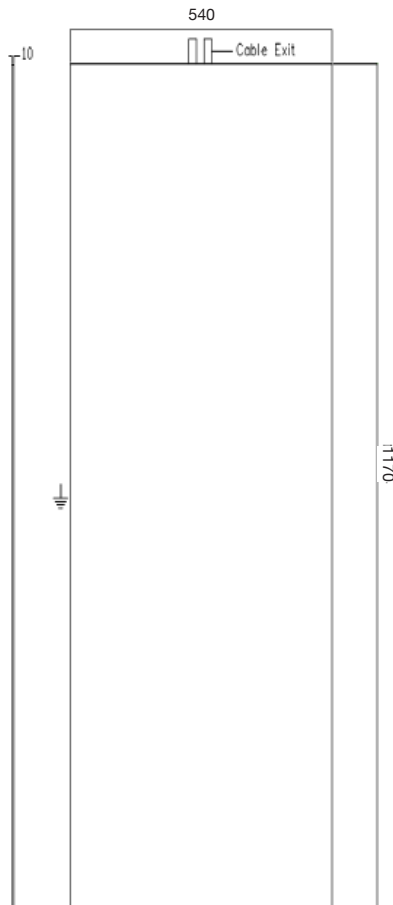
- Advanced composite lightweight construction
- Connection cables exit from the edge of panel for fully flat mounting
- Integral bypass diode
- Lightweight & flexible; ideal for automotive/marine applications
- Can easily fit to mild curves, such as boat decking, caravan roofs

## CBSPSL/100 - 100w Solar Panel

SPECIFICATION	100W
Maximum Power (Pmax) (W)	100
Voltage at Max Power (Vmp)	19.3
Current at Max Power (Imp)	5.21
Voltage at open circuit (Voc)	23
Current at short circuit (Isc)	5.75
Cell Efficiency (%)	19
Panel Efficiency (%)	15.5
Temp. Co-eff. Current (%/C)	0.05
Temp. Co-eff. Voltage (%/C)	-0.33
Temp. Co-eff. Power (%/C)	-0.42
Operating Temperature	-10° +60° C
Bypass Diodes	2
Dimensions	1170mm (L) x 540mm (W) x 35mm (D)
Weight	3kg (framed version)
Quality	Manufactured in our ISO 9001-2015 and ISO 14001 certified factory.

### Typical Applications:

- Signage & lighting
- Leisure/ expedition vehicles
- Outdoor recreation
- Remote/ unmanned equipment
- Marine



PCB  
TERMINAL  
BLOCKS

INTER-  
CONNECTION

FUSES &  
FUSE-  
HOLDERS

LEDs &  
INDICATORS

MINIATURE  
SWITCHES

LIMIT &  
SAFETY  
SWITCHES

CONTROL  
PRODUCTS

INTERFACE  
MODULES &  
SUPPORTS

RELAY  
BASES

DIN RAIL  
ENCLOSURES

BATTERIES

TRANS-  
FORMERS

SOLAR  
PANELS