

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
- Integral bypass diodes
- Lightweight & flexible; ideal for automotive/marine applications
- Can fit to mild curves, such as boat decking, caravan roofs

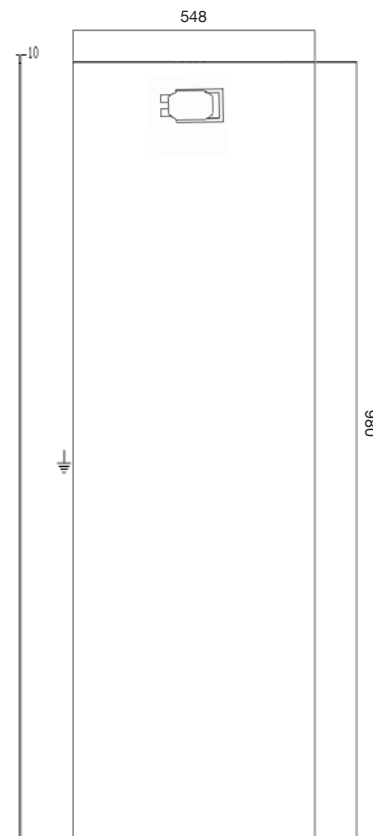
CBSPSL/80 - 80w Solar Panel

SPECIFICATION	80W
Maximum Power (Pmax) (W)	80
Voltage at Max Power (Vmp)	17.57
Current at Max Power (Imp)	4.59
Voltage at open circuit (Voc)	22.1
Current at short circuit (Isc)	4.71
Cell Efficiency (%)	17.2
Panel Efficiency (%)	12.5
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	980mm (L) x 548mm (W) x 10mm (D)
Weight	2.5kg
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

CBSPSL/80



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

SOLAR
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TRANS-
FORMERS

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CBSPSL/100

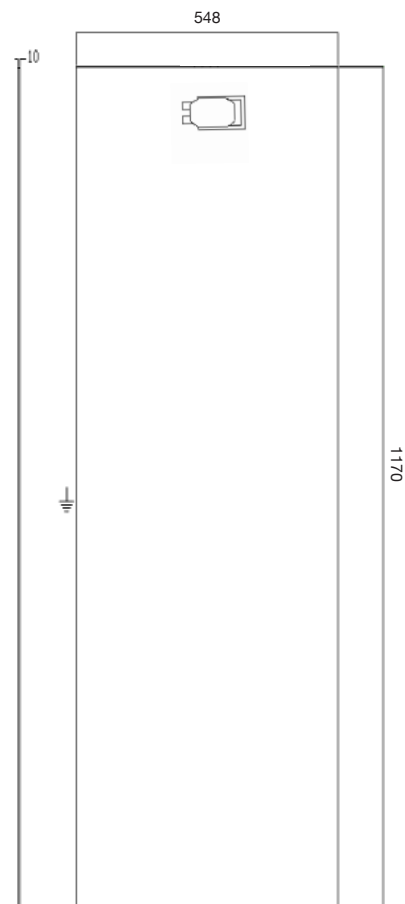


CBSPSL/100 - 100w Solar Panel

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 548mm (W) x 10mm (D)
Weight	3kg
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



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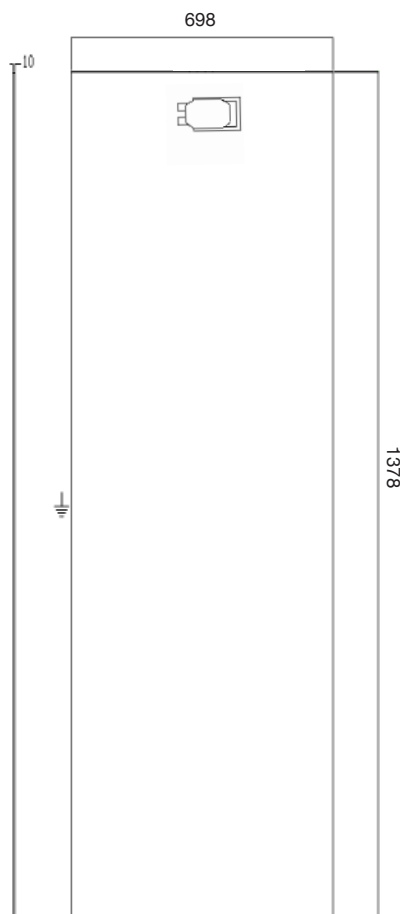
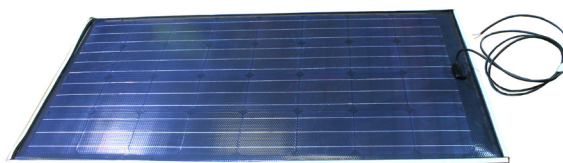
CBSPSL/130 - 130w Solar Panel

SPECIFICATION	130W
Maximum Power (Pmax) (W)	130
Voltage at Max Power (Vmp)	16.5
Current at Max Power (Imp)	7.87
Voltage at open circuit (Voc)	20
Current at short circuit (Isc)	8.49
Cell Efficiency (%)	19.6
Panel Efficiency (%)	15
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	1378mm (L) x 698mm (W) x 10mm (D)
Weight	4kg
Quality	Manufactured in our ISO 9001-2015 and ISO 14001 certified factory.

Typical Applications:

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

CBSPSL/130



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We operate a constant improvement policy,
our products are subject to change without notice.

Ver 1.2

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