

# SOLAR PANELS

A range of high performance UK manufactured silicon cell solar panels

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  
PANELS

TRANS-  
FORMERS

## Aluminium Framed

- High quality mono crystalline silicon cell modules
- Lightweight aluminium frame
- IP65 junction box includes bypass diodes
- 4mm low iron toughened glass maximising panel efficiency and strength

CBSPGF/130



### CBSPGF/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	-40° +85°C
Bypass Diodes	2
Dimensions	1327mm (L) x 655mm (W) x 35mm (D)
Weight	9kg
Quality	Manufactured in our ISO 9001-2015 and ISO 14001 certified factory. Complies with TUV sUD accreditation, IEC 61215 and IEC 61730 MCS accredited BAPT 8501

#### Typical Applications:

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

