

SOLAR PANELS

A range of high performance UK manufactured silicon cell solar panels

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/05

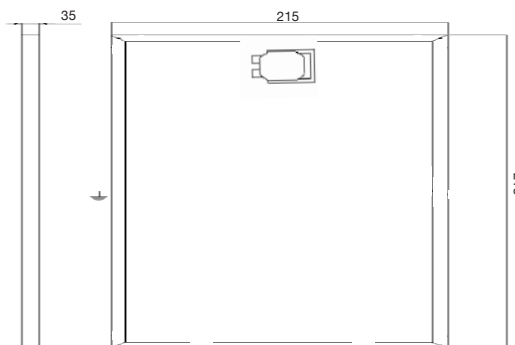


CBSPGF/05 - 5w Solar Panel

SPECIFICATION	5W
Maximum Power (Pmax) (W)	5
Voltage at Max Power (Vmp)	19.58
Current at Max Power (Imp)	0.26
Voltage at open circuit (Voc)	23.08
Current at short circuit (Isc)	0.28
Cell Efficiency (%)	19.6
Panel Efficiency (%)	8.9
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	1
Dimensions	215mm (L) x 215mm (W) x 35mm (D)
Weight	1.2kg
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



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