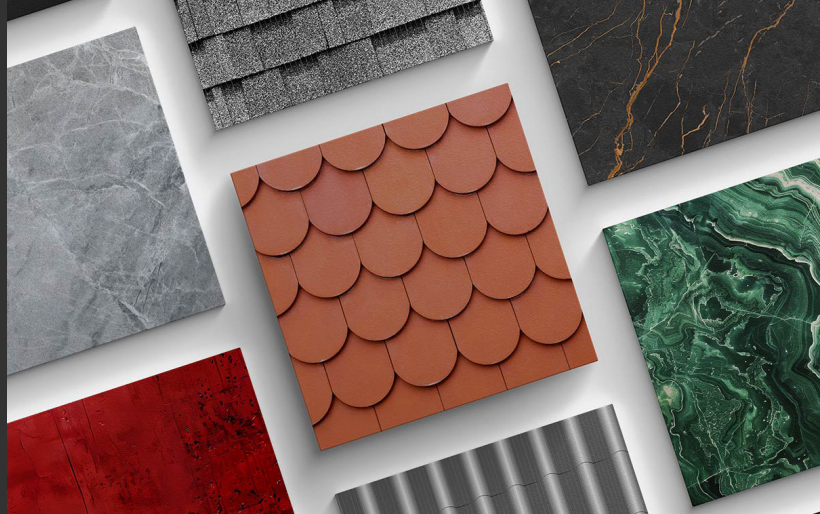


Technical data sheet

C.GB.4PPB



1

MECHANICAL CHARACTERISTICS

Solar cells	Monocrystalline [pcs / ks]	108 pcs / ks, 182 x 91 mm, Half cut PERC
Front glass	UV resistant glass [mm]	4 mm
Backsheet		Black
Encapsulant		EVA transparent
Junction box		Standard IP 68
UV-resistant cables	[mm]	Length 900 mm
Connectors		MC4 - compatible
Max. load	[Pa]	Wind, snow 2400 / 5400
Fire protection		C

2

Connector

Each panel has 2 contacts with a cross section of 4 mm² and a length of 900 mm with an MC4 connector.

3

Warranty

The solar panel is covered by a 20-Year Limited Product Warranty and a 20-Year Performance Warranty. Power output degradation: ≤3% in Year 1, followed by ≤0.7% annual degradation thereafter.



4

Distinct features

High resolution

800 DPI printing guarantees flawless image reproduction quality.

Tempered glass

Offers up to four times more strength and safety than standard glass, also providing excellent transmissivity and low reflection.

UV resistant

Our coloured solar panels feature ceramic colours that are resistant to UV radiation and fading.

Photo quality

The colored pigment penetrates directly into the material and becomes a part of it.

Ceramic ink

Special inorganic inks are developed for exterior use.



Solar panels combine aesthetic appeal with ecological benefits through a low-carbon manufacturing approach. This method optimises CO₂ emissions throughout production, including customer deliveries. Our development of low-carbon float glass has reduced our carbon footprint by 40 %, showcasing a commitment to sustainability. This holistic strategy provides a greener energy solution, emphasising eco-friendly power generation.

TECHNICAL SPECIFICATIONS

Model name	PV panel GB 4PPB
Cells number	108
Cell size (mm)	182x91
Module size (mm)	1200x1800
Cell technology	Glass+polymeric backsheet
Rated power (Wp)	300 Wp
PV module dimensions (length x width x height) (mm)	1200 x 1800 x 5 mm

Serial number: C.GB.4PPB.xxx

	STC
Voc [V] $\pm 3\%$	38
Isc [A] $\pm 3\%$	8,54
Pmax [W] $\pm 5\%$	252
Vmp [V] $\pm 3\%$	31,8
Imp [A] $\pm 3\%$	7,92
Vsys [V]	1 000
Min. Design Load [Pa]	$\pm 1\ 600$
Module [T98]max [°C]	70
Maximum series fuse [A]	25
Connector, see manual for designated connectors.	Suzhou Chunyi PV Co., Ltd, CY001-3
STC: 1 000 W/m ² , AM1.5, Cell 25°C	