

Solar Panel M325-60-b GG

Meets highest aesthetic requirements
Laminated safety glass for over head glazing and facades
Lifespan of over 50 years due to glass to glass technology
Technology developed in Switzerland
Monkey run safe
Heavy snow load proof
Easy for maintenance as you can walk on it
No tariff and trade restrictions to any country

Electrical data STC

Nominal Power (Pmpp)	325 Wp
Nominal voltage (Umpp)	33.9 V
Nominal current (Impp)	9.6 A
Open circuit voltage (Uoc)	40.3 V
Short circuit current (Isc)	10.61 A
Cell efficiency	22.5 %
Module efficiency	19.55 %
Power sorting	-0 / +5 %

STC (Standard testing conditions): Irradiance 100 W/m², cell temperature 25°C, AM 1.5

Measuring tolerances +/- 3% (Pmpp); +/- 10% (Umpp, Impp, Uoc, Isc)

Thermal Properties

Nominal operating cell temperature (NOCT)	45 +/- 2 °C
Temperature coefficient Uoc	-0.26 % / °C
Temperature coefficient Isc	+ 0.031% / °C
Temperature coefficient Pmpp	-0.37 % / °C

Operating conditions

Temperature range	-40°C - +85 °C
Max system voltage	1000V <small>option V</small>
Max reverse current	20 A
Max string fuse	16 A
Max load IEC/EN 61215	13000 N / m ²
Hail resistance <small>protection class 4</small>	Ø 40mm at 23m/s
Application class IEC / EN 61730	A
Fire protection	Top and back layer heat resistant glass
Protection class	II
Salt spray test	IEC/EN 61701 I+II
Ammonium corrosion test	IEC/EN 62716

General Data

Laminate structure	Glass to Glass
Cell type	Monocrystalline
Cell Size	158.75mm x 158.75mm
Number of cells	60
Colour between cells	Black
Frame	none
Front side	3.2mm <small>anti reflective solar glass tempered</small>
Encapsulation material	Special EVA / POE
Back side	3.2mm <small>solar glass tempered</small>
Junction box	3 bypass diodes IP 67
Cable cross section	4mm ²
Connectors	MC 4 compatible, IP 67
Dimensions (+ - 3mm)	1669 x 999 x 8mm
Weight	29.5 kg

Quality and warranty

Quality characteristics	PID free <small>(Potential Induced Degradation)</small>
Product warranty	10 years
Linear performance warranty	35 years

Relative efficiency level in relation to minimal output (%). At least 97% after the first year.

Afterwards max 0.5% degradation p.A. At least 92.5% after 10 years.

At least 85% after 25 years. At least 80% after 35 years.

Origin

Made in Sri Lanka

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