

TECHNICAL DETAILS

Electrical Performance

Module type	PLM-125MB-24 SERIES		
Power output	Pmax	Wp	125
Voltage at Pmax	Vmpp	V	13.33
Current at Pmax	Impp	A	9.38
Open circuit voltage	Voc	V	16.22
Short-circuit current	Isc	A	9.79
Module efficiency	Eff	%	18.2

STC: 1000W/m² irradiance, 25°C cell temperature, AM 1.5g spectrum according to EN 60904-3
Power measurement uncertainty is within +/- 3%

Thermal Characteristics

Nominal operating cell temperature	NOCT	°C	45±2
Temperature coefficient of Pmax	γ	%/ °C	-0.40
Temperature coefficient of Voc	βVoc	%/ °C	-0.30
Temperature coefficient of Isc	αIsc	%/ °C	0.06

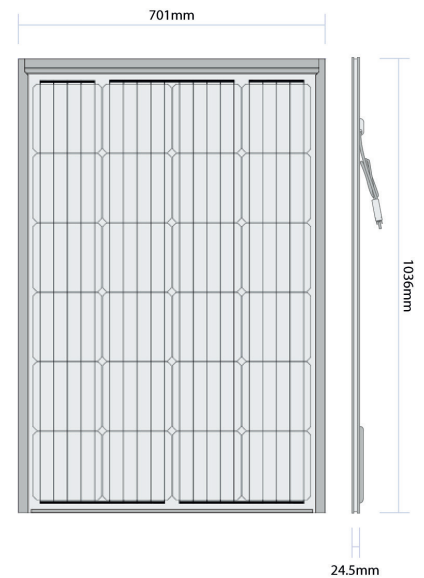
Operating Conditions

Max. system voltage	1000VDC
Limiting reverse current	15A
Operating temperature range	-40°C to 85°C
Max. static load front (e.g., snow)	5400Pa
Max. static load back (e.g. wind)	3420Pa

Mechanical Characteristics

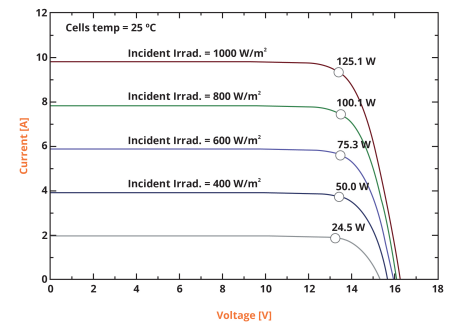
Front cover (material / thickness)	low-iron tempered glass/3.2mm
Backsheet (colour)	black
Cell (quantity/material/dimensions)	24/monocrystalline silicon/156.75x156.75mm
Frame (material/colour)	anodized aluminium alloy/black
Junction box (protection degree)	≥IP67
Cables & Plug connectors	900mm/4mm ² & MC4 compatible/IP67
Module Dimensions (L/W/H)	1036mmx701mmx24.5mm
Module Weight	8.95kg

Front and side profile



Irradiance I-V Curve

Showing how the current, power and voltage is affected by different light.



Cell Temperature I-V Curve

Showing how the voltage is affected by cell temperature.

