

# TECHNICAL DETAILS

## Electrical Performance

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

STC: 1000W/m<sup>2</sup> irradiance, 25°C cell temperature, AM 1.5g spectrum according to EN 60904-3  
Power measurement uncertainty is within +/- 3%

## Thermal Characteristics

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

## Operating Conditions

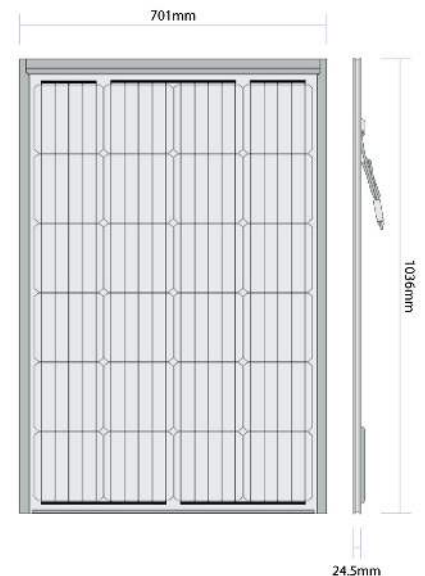
<b>Max. system voltage</b>	1000VDC
<b>Limiting reverse current</b>	15A
<b>Operating temperature range</b>	-14°C to 85°C
<b>Max. static load front (e.g., snow)</b>	5400Pa
<b>Max. static load back (e.g. wind)</b>	3420Pa

## Mechanical Characteristics

<b>Front cover (material / thickness)</b>	low-iron tempered glass/3.2mm
<b>Backsheet (colour)</b>	black
<b>Cell (quantity/material/dimensions)</b>	-14°C to 24/monocrystalline silicon/156.75x156.75mm
<b>Frame (material/colour)</b>	anodized aluminium alloy/black
<b>Junction box (protection degree)</b>	≥IP67
<b>Cables &amp; Plug connectors</b>	900mm/4mm <sup>2</sup> & MC4 compatible/IP67
<b>Module Dimensions (L/W/H)</b>	1036mmx701mmx24.5mm
<b>Module Weight</b>	8.9kg

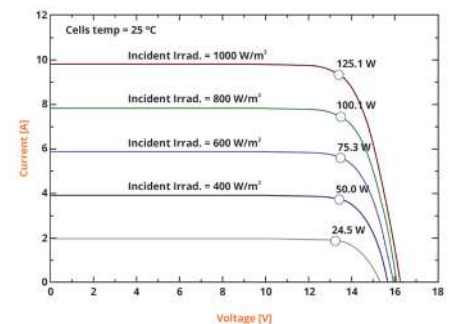


## Front and side profile



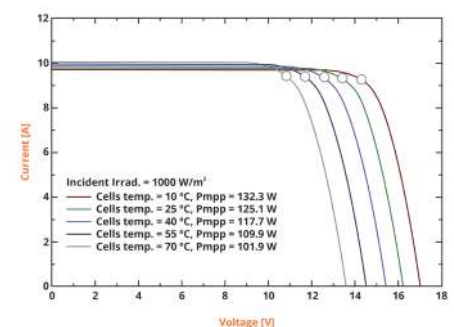
## Irradiance I-V Curve

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.



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