Mercury Series PV Panel

Shaper

SLB36M8-105

Shaper Customized and Diverse Module

1075*540*30mm



Shaper, Explore the unknown,
achieve the ideal

LINEAR PERFORMANCE WARRANTY

05-Year Product Warranty

25-Year Linear Power Warranty

SOLARBORN

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SLB36M8-105

Electrical Characteristics(STC*)

Power Output(Wp)	105
Max Power Tolerance(W)	0~+5
Module Efficiency(%)	18.26
Voltage Mpp-Vmpp(V)	19.48
Current Mpp-Impp(A)	5.40
Voltage Open Circuit-Voc(V)	23.01
Short Circuit Current-Isc(A)	5.71

* STC: Irradiance 1000W/m²,Environment Temperature 25℃，Air Mass AM1.5

Electrical Characteristics(NMOT*)

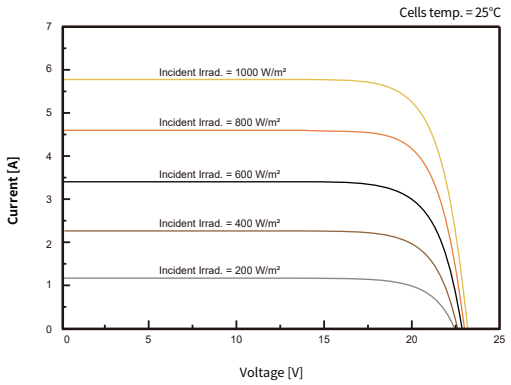
Power Output(Wp)	85.40
Voltage Mpp-Vmpp(V)	20.30
Current Mpp-Impp(A)	4.21
Voltage Open Circuit-Voc(V)	23.90
Short Circuit Current-Isc(A)	4.40

* NMOT: Irradiance 800W/m²,Environment Temperature 20℃，Air Mass AM1.5

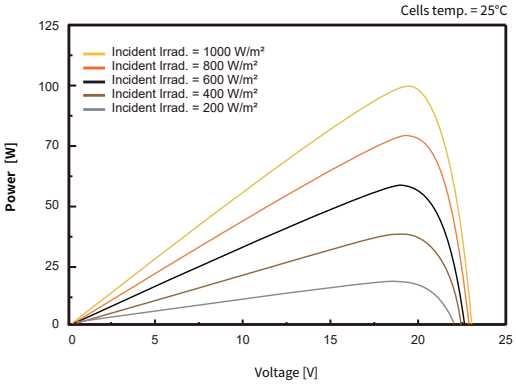
Mechanical Data

Dimension Of Module	1075*540*30mm
Weight	6.1kg
Glass	3.2mm high transmission,low iron,tempered glass
Junction Box	IP67,2.5 mm²cable 500mm
Max System Voltage	1000VDC
Max Series Fuse Rating	10A
Operating Temperature	-40~+85℃

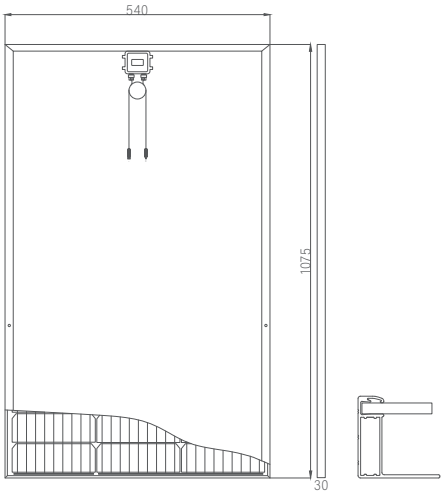
I-V Curves



P-V Curves



Module Back View



* Specifications included in this datasheet are subject to change without notice.

Temperature Ratings

Temperature Coefficients of Isc(%/C)	0.048
Temperature Coefficients of Voc(%/C)	-0.270
Temperature Coefficients of Pmpp(%/C)	-0.350
NMOT	45±2℃

Packaging Configuration

Package	2pcs/carton
Container	40`HQ
Pieces Per Container	2856