Mercury Series PV Panel

Shaper

SLB36M8-50

Shaper Customized and Diverse Module

570*540*25mm



Shaper, Explore the unknown,
achieve the ideal

LINEAR PERFORMANCE WARRANTY

05-Year Product Warranty

25-Year Linear Power Warranty

SOLARBORN

+86-574 87626801 Sales@solarborn.com www.solarborn.com

SLB36M8-50

Electrical Characteristics(STC*)

Power Output(Wp)	50
Max Power Tolerance(W)	0~+5
Module Efficiency(%)	16.24
Voltage Mpp-Vmpp(V)	19.72
Current Mpp-Impp(A)	2.54
Voltage Open Circuit-Voc(V)	23.29
Short Circuit Current-Isc(A)	2.68

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

Electrical Characteristics(NMOT*)

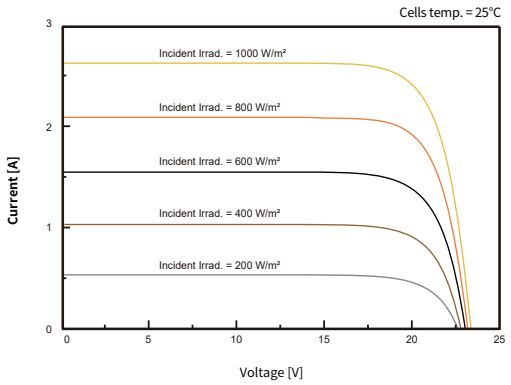
Power Output(Wp)	40.80
Voltage Mpp-Vmpp(V)	19.90
Current Mpp-Impp(A)	2.05
Voltage Open Circuit-Voc(V)	23.40
Short Circuit Current-Isc(A)	2.14

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

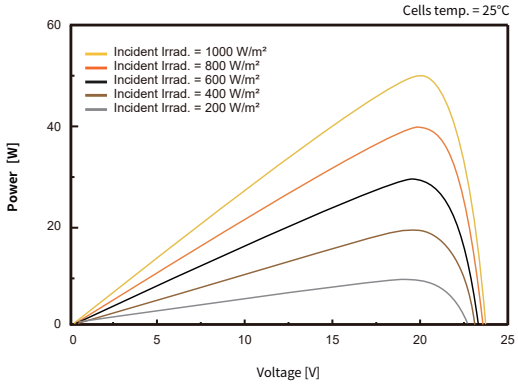
Mechanical Data

Dimension Of Module	570*540*25mm
Weight	3.3kg
Glass	3.2mm high transmission,low iron,tempered glass
Junction Box	IP67,Without cables and connector
Max System Voltage	1000VDC
Max Series Fuse Rating	10A
Operating Temperature	-40~+85℃

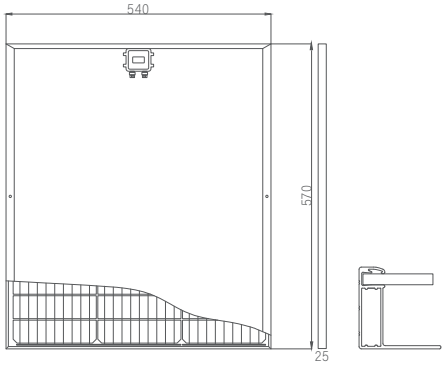
I-V Curves



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	6400