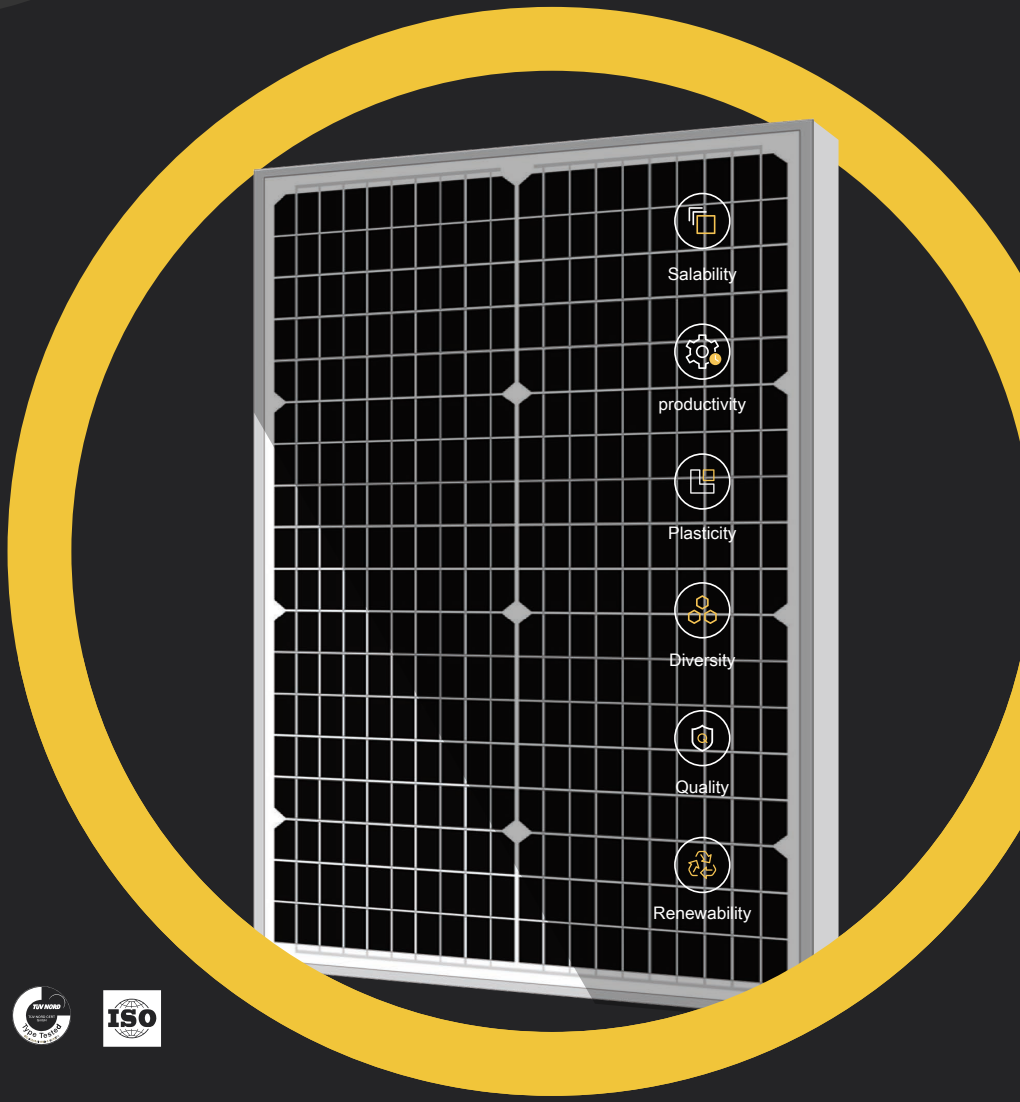
Mercury Series PV Panel

Shaper

SLB36M8-45

Shaper Customized and Diverse Module

680*365*25mm



Shaper, Explore the unknown,
achieve the ideal

LINEAR PERFORMANCE WARRANTY

05-Year Product Warranty

25-Year Linear Power Warranty

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SLB36M8-45

Electrical Characteristics(STC*)

Power Output(Wp)	45
Max Power Tolerance(W)	0~+5
Module Efficiency(%)	18.13
Voltage Mpp-Vmpp(V)	20.72
Current Mpp-Impp(A)	2.18
Voltage Open Circuit-Voc(V)	23.91
Short Circuit Current-Isc(A)	2.30

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

Electrical Characteristics(NMOT*)

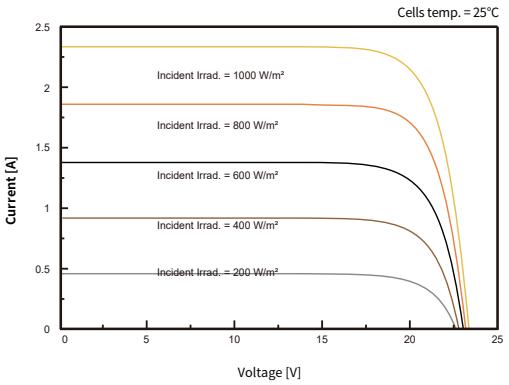
Power Output(Wp)	36.50
Voltage Mpp-Vmpp(V)	20.90
Current Mpp-Impp(A)	1.74
Voltage Open Circuit-Voc(V)	24.10
Short Circuit Current-Isc(A)	1.84

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

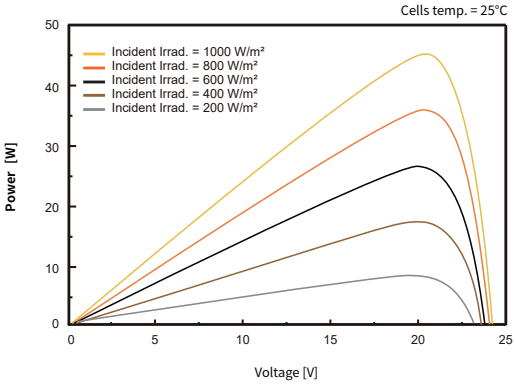
Mechanical Data

Dimension Of Module	680*365*25mm
Weight	2.6kg
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℃

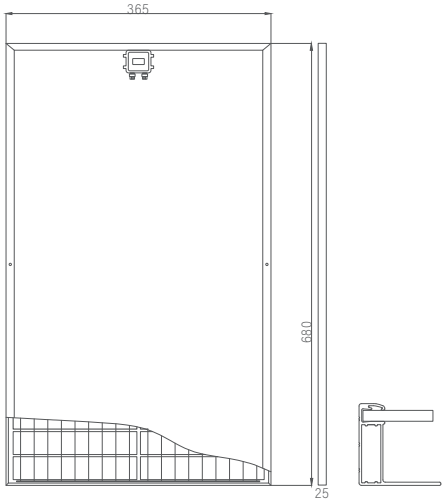
I-V Curves



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	8160