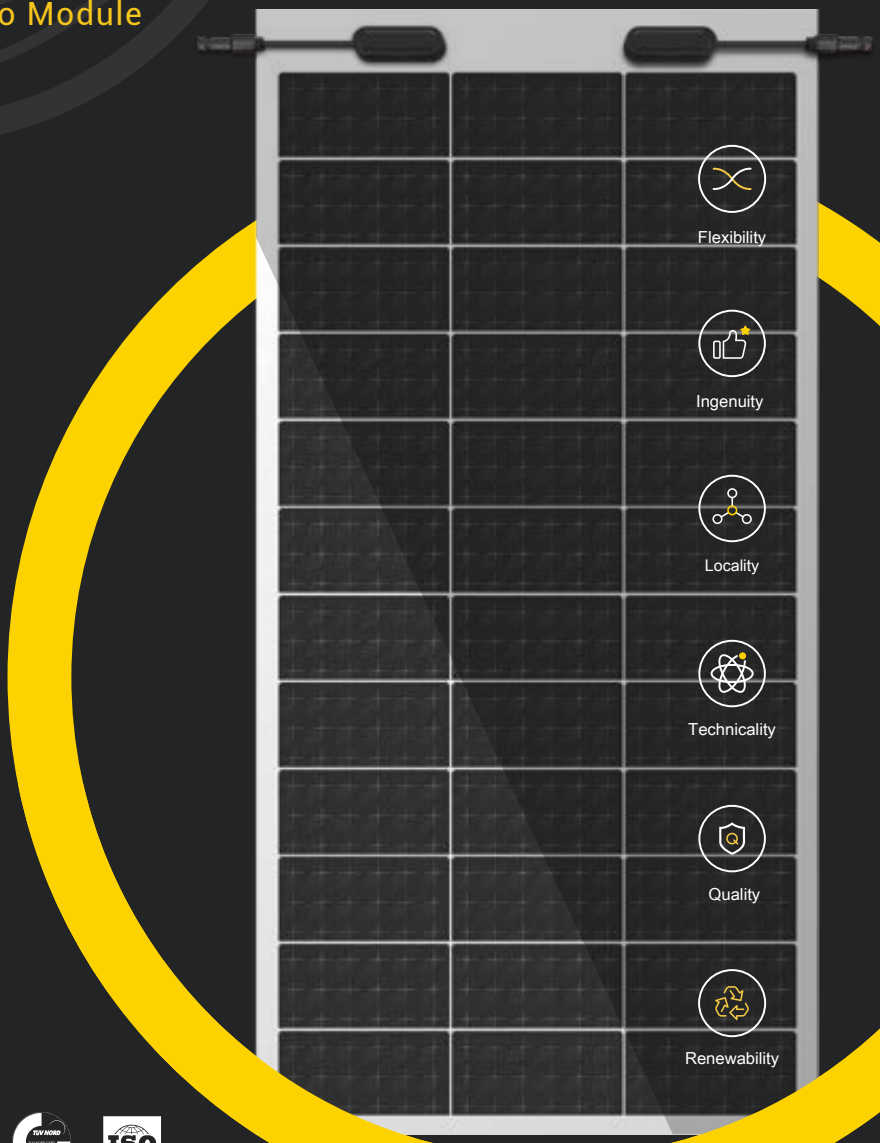
Mercury Series PV Panel

Flexime

SLB36MF-xxx(=95-100)

Flexible Lightweight Mono Module

1065*520*1.4mm



Flexime, Like a cloud,
change yourself

LINEAR PERFORMANCE WARRANTY

12-Year Product Warranty

25-Year Linear Power Warranty

SOLARBORN

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

SLB36MF8-xxx(=95-100)

Electrical Characteristics(STC*)

Power Output(Wp)	95	100
Max Power Tolerance(W)	0~+5	0~+5
Module Efficiency(%)	17.15	18.06
Voltage Mpp-Vmpp(V)	19.80	20.23
Current Mpp-Impp(A)	4.82	4.96
Voltage Open Circuit-Voc(V)	23.87	24.31
Short Circuit Current-Isc(A)	5.07	5.22

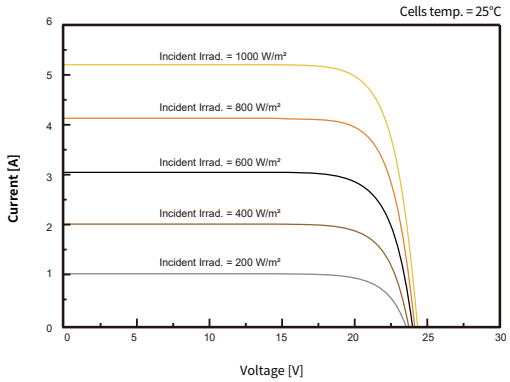
* STC: Irradiance 1000W/m²,Environment Temperature 25℃，Air Mass AM1.5

Electrical Characteristics(NMOT*)

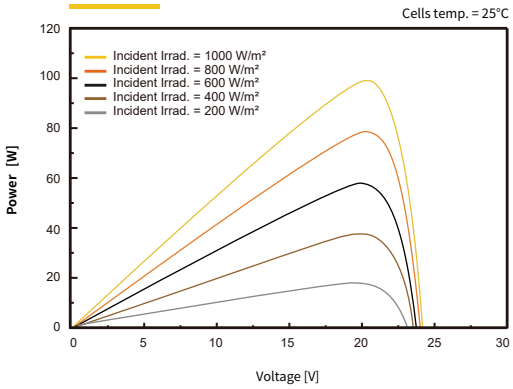
Power Output(Wp)	71	75
Voltage Mpp-Vmpp(V)	18.20	18.62
Current Mpp-Impp(A)	3.91	4.04
Voltage Open Circuit-Voc(V)	22.16	22.56
Short Circuit Current-Isc(A)	4.17	4.29

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

I-V Curves



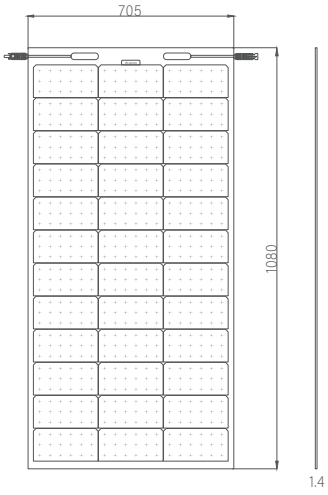
P-V Curves



Mechanical Data

Dimension Of Module	1065*520*1.4mm
Weight(kg)	1.4
Back Material	Back Sheet(white)
Encapsulant	EVA /POE
Frame	None
Junction Box	IP68
Cable	Customizable/4mm²
Bending radius	0.3m
Max. Series Fuse Rating	15A
Max. System Voltage	DC1000V
Operating Temperature Range	-40℃~+85℃

Module Back View



Temperature Ratings

Temperature Coefficients of Isc(%/C)	0.06
Temperature Coefficients of Voc(%/C)	-0.28
Temperature Coefficients of Pmpp(%/C)	-0.36
NMOT	45±2℃

Packaging Configuration

Package	2pcs/carton
Container	40`FT
Pieces Per Container	/