

Gigalumi SL-M10NS

605-625W



22.36%

Maximum Efficiency

0~+5W

Power Tolerance



High Power Output



PID Resistance



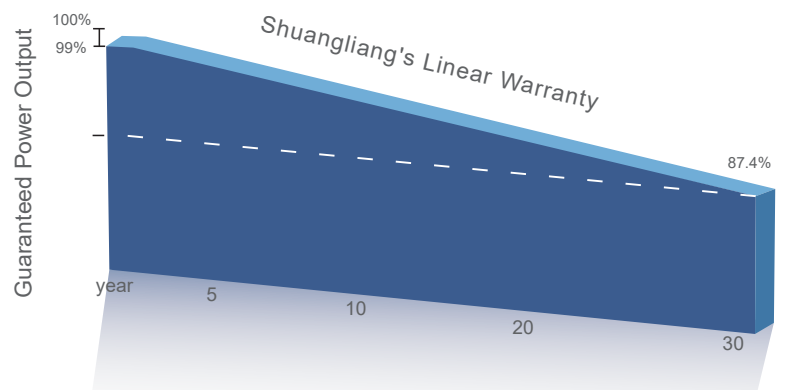
Longer Service Life



Double Side
Power Generation

LINEAR PERFORMANCE WARRANTY

- 12 Year Product Warranty
- 30 Year Linear Power Warranty



COMPREHENSIVE CERTIFICATES

- ISO 45001: 2018 Occupational Health and Safety Management System
- ISO 14001: 2015 Environmental Management System
- ISO 9001: 2015 Quality Management System
- IEC 61215 / IEC 61730 / IEC 61701 / IEC 62716
IEC 62804 / IEC 62782 / IEC60068



Shuangliang Solar-Tech(Baotou) Co., Ltd
www.shuangliangglobal.com
ktsales@shuangliang.com



ELECTRICAL DATA (STC)

Peak Power Watts-PMAX (Wp)	605	610	615	620	625
Power Output Tolerance-PMAX (W)	0 ~ +5				
Maximum Power Voltage-VMPP (V)	45.42V	45.59V	45.75V	45.92V	46.09V
Maximum Power Current-IMPP(A)	13.33A	13.39A	13.45A	13.51A	13.57A
Open Circuit Voltage-Voc (V)	55.16V	55.30V	55.43V	55.57V	55.71V
Short Circuit Current-ISC(A)	13.96A	14.04A	14.12A	14.20A	14.28A
Module Efficiency (%)	21.64%	21.82%	22.00%	22.18%	22.36%

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5

TEMPERATURE RATINGS

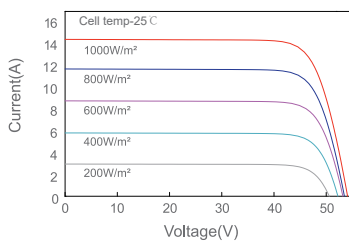
Temperature Coefficients of Pmax	-0.290%/°C
Temperature Coefficients of Voc	-0.250%/°C
Temperature Coefficients of Isc	0.045%/°C

MAXIMUM RATINGS

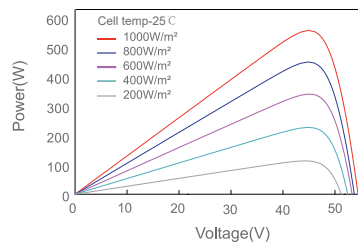
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V
Max Series Fuse Rating	30A

(DO NOT connect Fuse in Combiner Box with two or more strings in parallel connection)

CHARACTERISTICS

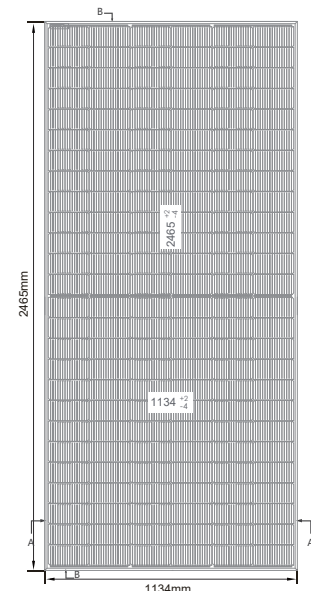
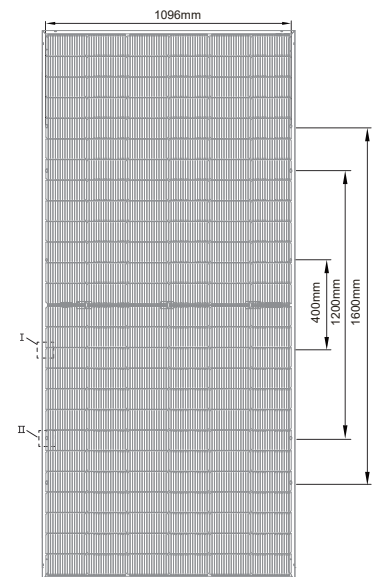


Current-Voltage Curve



Power-Voltage Curve

MECHANICAL DIAGRAMS



MECHANICAL DATA

Solar Cells	N Type Monocrystalline 182×91mm
Cell Orientation	156 cells (6×26)
Module Dimensions	2465×1134×30mm
Weight	34.6kg
Glass	2.0mm (0.08 inches), High Transmission, AR Coated Tempered Glass
Back glass	2.0mm mesh glaze plating
Frame	Anodized Aluminium Alloy
J-Box	IP 68 rated
Cables	(+):400mm, (-):200mm or Customized Length
Connector	MC4 or MC4 Compatible

PACKAGING CONFIGURATION

Modules per box: 36 pieces

Modules per 40' HQ container: 576 pieces

