

Gigalumi SL-M10B




390-410W

21.00%
Maximum Efficiency

0~+5W
Power Tolerance

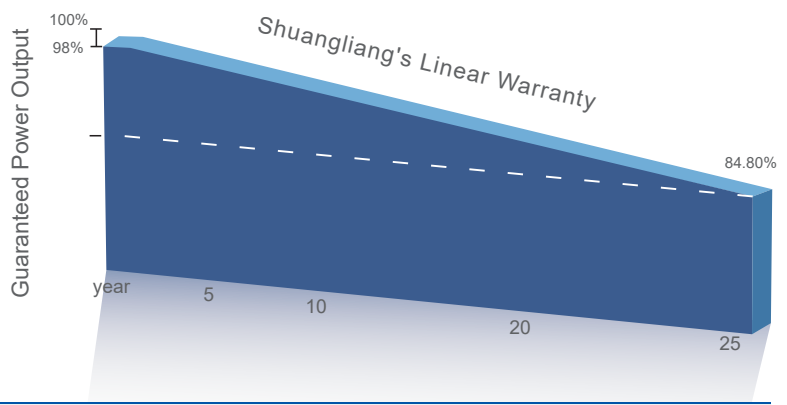
 **High Power Output**

 **PID Resistance**

 **Longer Service Life**

LINEAR PERFORMANCE WARRANTY

- 12 Year Product Warranty
- 25 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



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ELECTRICAL DATA (STC)

Peak Power Watts-PMAX (Wp)	390	395	400	405	410
Power Output Tolerance-PMAX (W)	0 ~ + 5				
Maximum Power Voltage-VMPP (V)	30.50V	30.70V	30.90V	31.10V	31.30V
Maximum Power Current-IMPP(A)	12.79A	12.87A	12.95A	13.03A	13.11A
Open Circuit Voltage-Voc (V)	36.50V	36.80V	37.10V	37.40V	37.70V
Short Circuit Current-ISC(A)	13.64A	13.70A	13.76A	13.82A	13.88A
Module Efficiency (%)	19.97%	20.23%	20.48%	20.74%	21.00%
STC: Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass AM1.5					

TEMPERATURE RATINGS

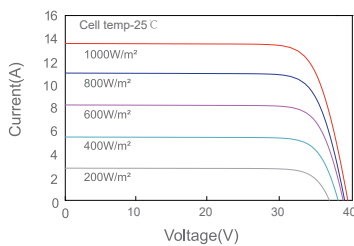
Temperature Coefficients of Pmax	-0.350%/°C
Temperature Coefficients of Voc	-0.270%/°C
Temperature Coefficients of Isc	0.048%/°C

MAXIMUM RATINGS

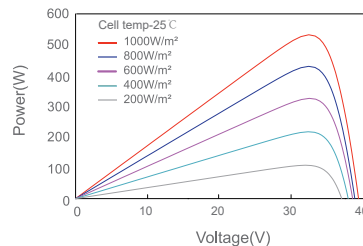
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V
Max Series Fuse Rating	25A

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

CHARACTERISTICS

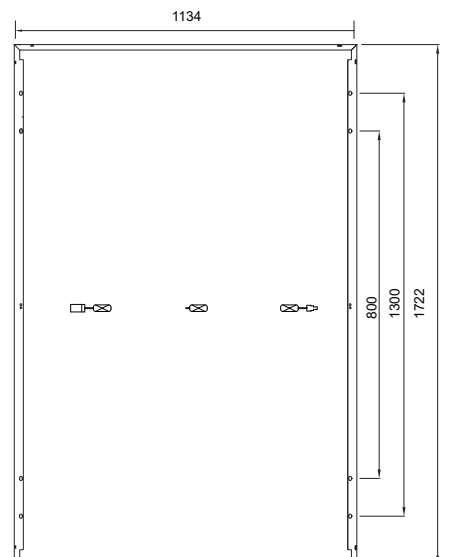
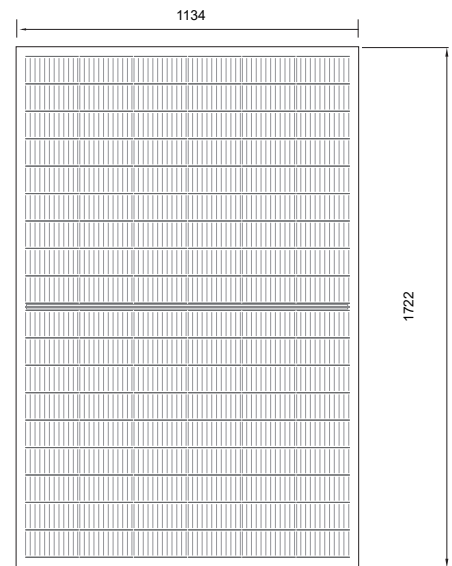


Current-Voltage Curve



Power-Voltage Curve

MECHANICAL DIAGRAMS



MECHANICAL DATA

Solar Cells	P Type Monocrystalline 182×91mm
Cell Orientation	108 cells (6×18)
Module Dimensions	1722×1134×30mm
Weight	22kg
Glass	3.2mm (0.13 inches), High Transmission, AR Coated Tempered Glass
Backsheet	Black inside and white outside
Frame	Black Anodized Aluminium Alloy
J-Box	IP 68 rated
Cables	(+):300mm, (-):300mm or Customized Length
Connector	MC4 or MC4 Compatible

PACKAGING CONFIGURATION

Modules per box: 36 pieces

Modules per 40' HQ container: 936 pieces

