

# Gigalumi SL-M10

395-415W

21.25%  
Maximum Efficiency

0~+5W  
Power Tolerance



High Power Output



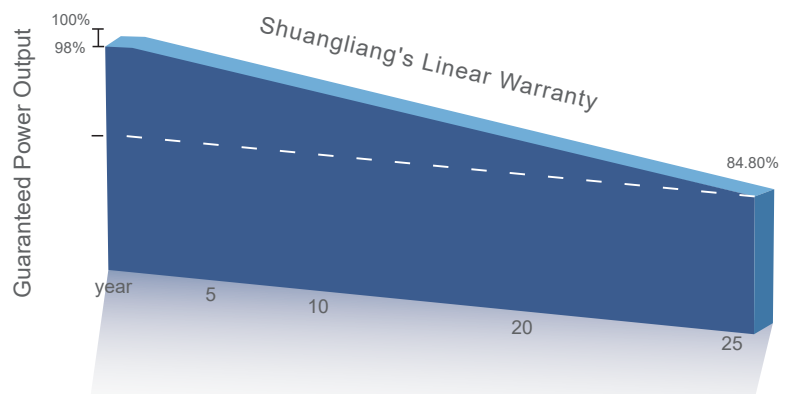
PID Resistance



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)	395	400	405	410	415
Power Output Tolerance-PMAX (W)	0 ~ +5				
Maximum Power Voltage-VMPP (V)	30.60V	30.80V	31.00V	31.20V	31.40V
Maximum Power Current-IMPP(A)	12.91A	12.99A	13.07A	13.15A	13.22A
Open Circuit Voltage-Voc (V)	36.60V	36.80V	37.00V	37.20V	37.40V
Short Circuit Current-ISC(A)	13.72A	13.79A	13.80A	13.91A	13.97A
Module Efficiency (%)	20.23%	20.48%	20.74%	21.00%	21.25%

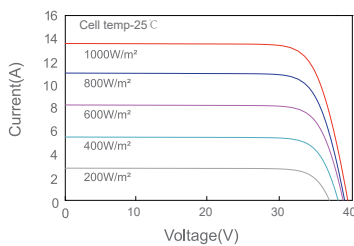
STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5

## TEMPERATURE RATINGS

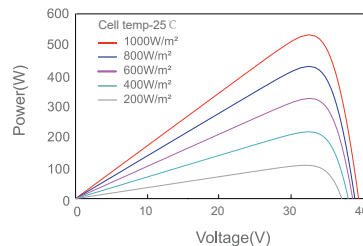
Temperature Coefficients of Pmax	-0.350%/°C	Operational Temperature	-40~+85 C
Temperature Coefficients of Voc	-0.270%/°C	Maximum System Voltage	1500V
Temperature Coefficients of Isc	0.048%/°C	Max Series Fuse Rating	25A

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

## CHARACTERISTICS

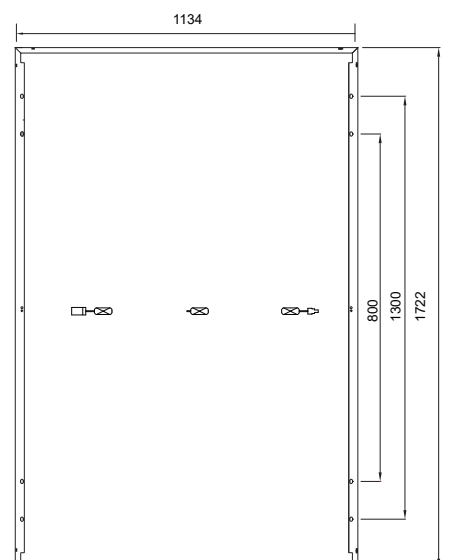
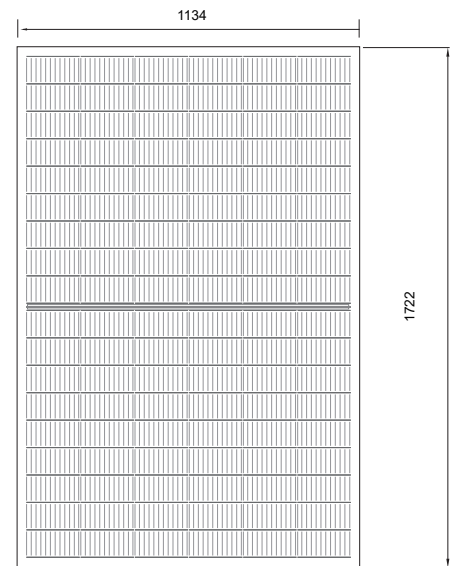


Current-Voltage Curve



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	White
Frame	Silver 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

