

Gigalumi SL-M10N

550-585W

22.65%
Maximum Efficiency

0~+5W
Power Tolerance



High Power Output



PID Resistance

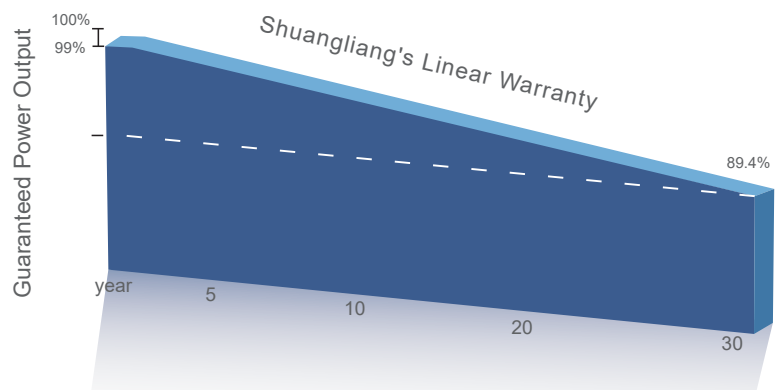


Longer Service Life



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)	550	555	560	565	570	575	580	585
Power Output Tolerance-PMAX (W)	0~+5							
Maximum Power Voltage-VMPP (V)	41.55V	41.73V	41.92V	42.07V	42.26V	42.45V	42.64V	42.83V
Maximum Power Current-IMPP(A)	13.24A	13.30A	13.36A	13.43A	13.49A	13.55A	13.61A	13.67A
Open Circuit Voltage-Voc (V)	50.28V	50.47V	50.68V	50.87V	51.08V	51.29V	51.50V	51.71V
Short Circuit Current-ISC(A)	14.02A	14.08A	14.14A	14.20A	14.26A	14.30A	14.34A	14.40A
Module Efficiency (%)	21.29%	21.48%	21.68%	21.87%	22.07%	22.26%	22.45%	22.65%

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

TEMPERATURE RATINGS

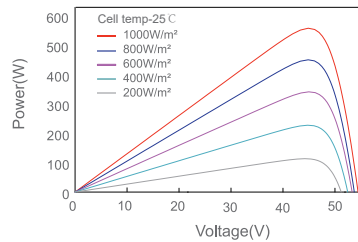
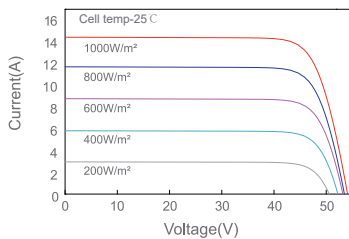
Temperature Coefficients of Pmax	-0.300%/°C
Temperature Coefficients of Voc	-0.260%/°C
Temperature Coefficients of Isc	0.045%/°C

MAXIMUM RATINGS

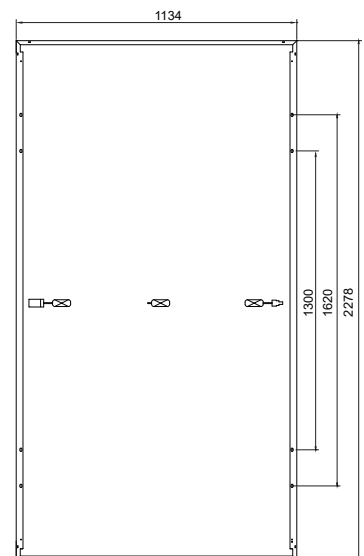
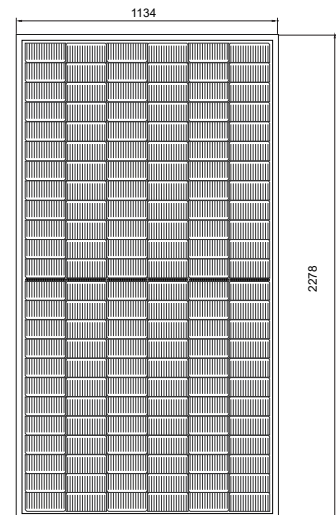
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V
Max Series Fuse Rating	30A

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

CHARACTERISTICS



MECHANICAL DIAGRAMS



MECHANICAL DATA

Solar Cells	N Type Monocrystalline 182×91mm
Cell Orientation	144 cells (6×24)
Module Dimensions	2278×1134×30mm
Weight	28kg
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: 720 pieces

