

Gigalumi SL-M10NB

550-570W

22.07%
Maximum Efficiency

0~+5W
Power Tolerance



High Power Output



PID Resistance

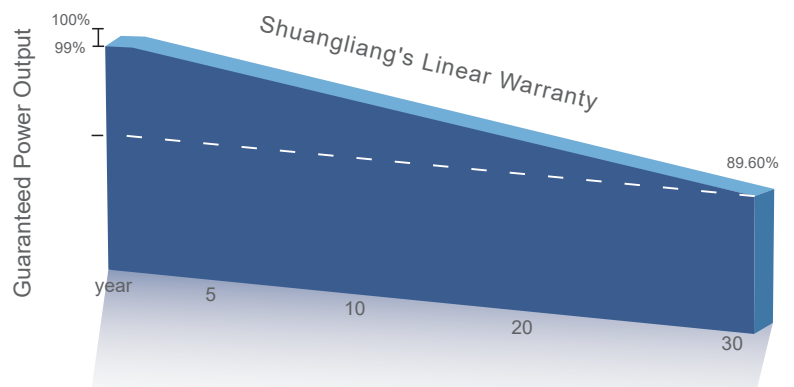


Longer Service Life



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
Power Output Tolerance-PMAX (W)	0~+5				
Maximum Power Voltage-VMPP (V)	40.01V	44.20V	44.39V	44.58V	44.77V
Maximum Power Current-IMPP(A)	12.50A	12.56A	12.62A	12.68A	12.74A
Open Circuit Voltage-Voc (V)	51.47V	51.68V	51.89V	52.10V	52.31V
Short Circuit Current-ISC(A)	13.26A	13.32A	13.38A	13.42A	13.48A
Module Efficiency (%)	21.29%	21.48%	21.68%	21.87%	22.07%

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

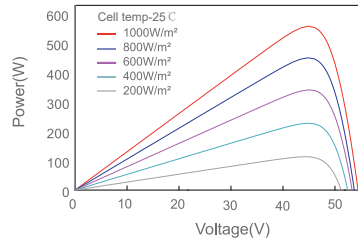
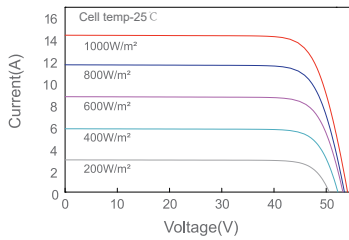
TEMPERATURE RATINGS

Temperature Coefficients of Pmax	-0.300%/°C	Operational Temperature	-40~+85°C
Temperature Coefficients of Voc	-0.260%/°C	Maximum System Voltage	1500V
Temperature Coefficients of Isc	0.045%/°C	Max Series Fuse Rating	30A

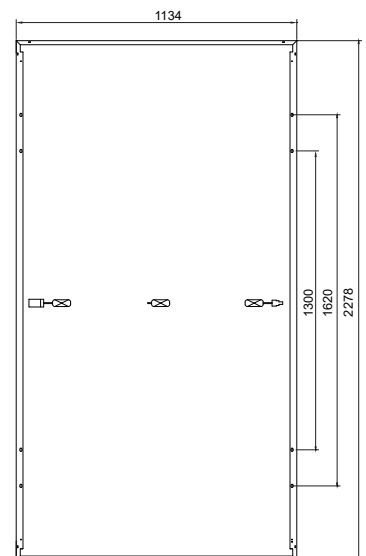
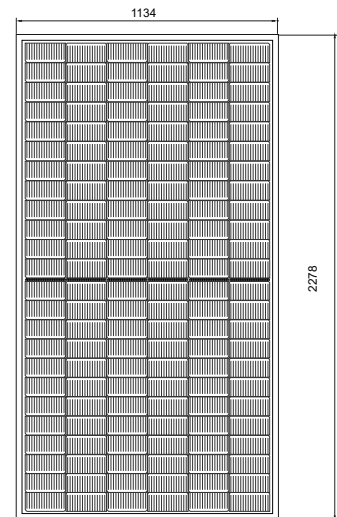
(DO NOT connect Fuse in Combiner Box with two or more strings in parallel connection)

MAXIMUM RATINGS

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	2.0mm (0.08 inches), High Transmission, AR Coated Tempered Glass
Backsheet	Black
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: 720 pieces

