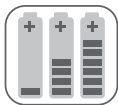


Gigalumi SL-M10

530-555W

21.48%
Maximum Efficiency

0~+5W
Power Tolerance



High Power Output



PID Resistance

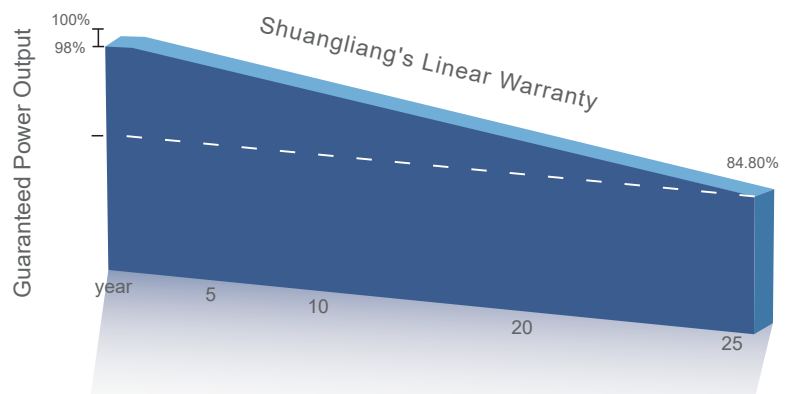


Longer Service Life



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



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



ELECTRICAL DATA (STC)

Peak Power Watts-PMAX (Wp)	530	535	540	545	550	555
Power Output Tolerance-PMAX (W)	0 ~ +5					
Maximum Power Voltage-VMPP (V)	41.23V	41.41V	41.64V	41.83V	41.97V	42.11V
Maximum Power Current-IMPP(A)	12.86A	12.92A	12.97A	13.03A	13.12A	13.18A
Open Circuit Voltage-Voc (V)	49.23V	49.34V	49.60V	49.66V	49.84V	50.02V
Short Circuit Current-ISC(A)	13.72A	13.81A	13.86A	13.96A	14.03A	14.07A
Module Efficiency (%)	20.52%	20.71%	20.90%	21.10%	21.29%	21.48%
STC: Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass AM1.5						

TEMPERATURE RATINGS

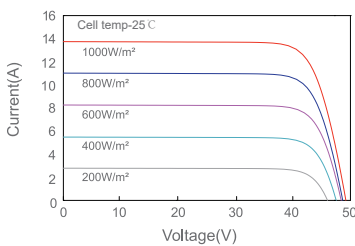
Temperature Coefficients of Pmax	-0.350%/°C
Temperature Coefficients of Voc	-0.270%/°C
Temperature Coefficients of Isc	0.048%/°C

MAXIMUM RATINGS

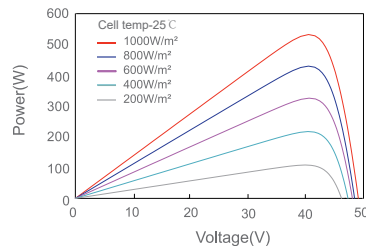
Operational Temperature	-40~+85°C
Maximum System Voltage	1500V
Max Series Fuse Rating	25A

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

CHARACTERISTICS

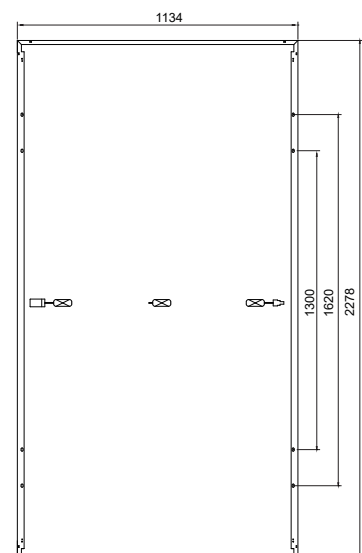
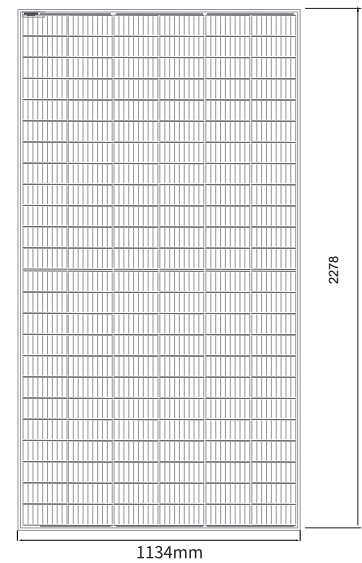


Current-Voltage Curve



Power-Voltage Curve

MECHANICAL DIAGRAMS



MECHANICAL DATA

Solar Cells	P Type Monocrystalline 182×91mm
Cell Orientation	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

