

GISUN power

Supplied by

 **JOG**
International Ltd.



540-550W Solar Panel

Electrical Characteristics

Module Type	M10-72-540	M10-72-545	M10-72-550
	STC	STC	STC
Maximum Power at STC (Pmp)	540	545	550
Open Circuit Voltage (Voc)	49.5	49.6	49.7
Short Circuit Current (Isc)	13.81	13.90	14.00
Maximum Power Voltage (Vmp)	41.6	41.8	42.0
Maximum Power Current (Imp)	13.00	13.04	13.08
Module Efficiency at STC(η m)	20.9	21.1	21.3
Power Tolerance	(0,+3%)		
Maximum System Voltage	1000 VDC		
Maximum Series Fuse Rating	25A		

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;

Temperature Characteristics

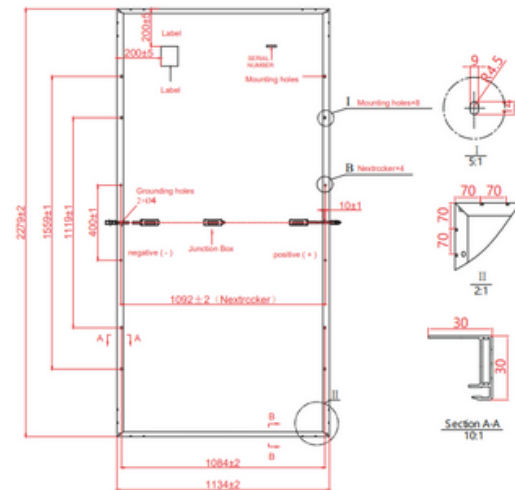
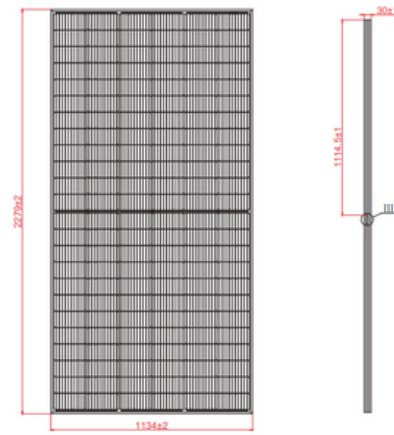
Pmax Temperature Coefficient	-0.36 %/°C
Voc Temperature Coefficient	-0.28 %/°C
Isc Temperature Coefficient	+0.05 %/°C
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature (NOCT)	45±2°C
Fire Rating	Class C

Mechanical Specifications

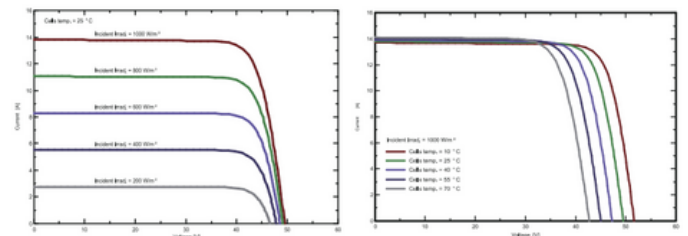
External Dimension	2279 x 1134 x 30 mm
Weight	27.0kg
Solar Cells	PERC Mono (144pcs)
Front Glass	3.2 mm AR coating tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68,3 diodes
Output Cables	4.0 mm ² ,Portrait:1200mm or Customized Length
Connector	Genuine MC4 Connector /Compatible MC4 Connector
Mechanical Load	Front side 5400 Pa/ Rear side 2400 Pa

Packing Configuration

	2279x 1134 x 30 mm
Container	40'HQ
Pieces per Pallet	36+36
Pallets per Container	10
Pieces per Container	720



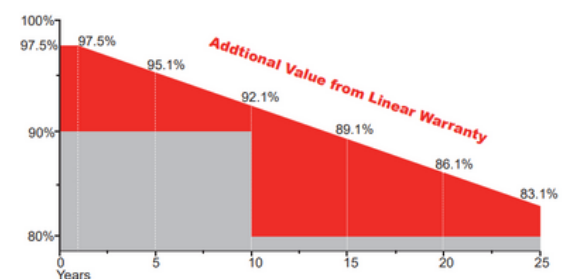
I-V Curve



Product Certificates



Warranty



Guarantee on product material and workmanship



Linear power output warranty