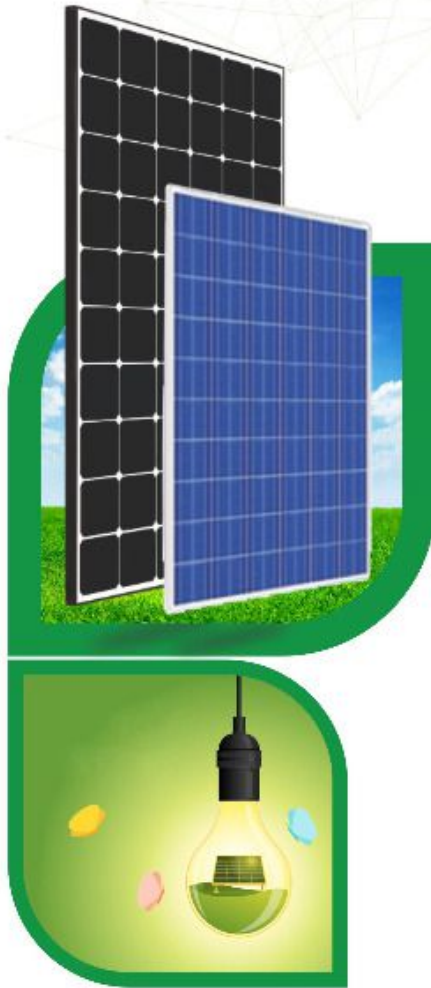


Prefer Green Energy, reduce carbon emissions



Made In India

1000 V Vdc

Positive power Tolerance

PID resistant

High reliable Anti - reflective coated glass

IP 67 Junction Box

Windspeed - 2400 Pa

Snowload - 5400 P

High operating currents and voltages

RFID

TECHNICAL SPECIFICATION

Sl No.	MODEL	GS 260W	GS 265W	GS 270W	GS 310W	GS 315W	GS 320W	GS 325W	GS 330W
1	Maximum Power (Pmax) Wp	260	265	270	310	315	320	325	330
2	Maximum Power Voltage (Vmp) V	30.8	30.9	31.0	36.86	36.92	37.20	37.7	38
3	Maximum Power Current (Imp) A	8.43	8.57	8.7	8.30	8.4	8.5	8.6	8.7
4	Open Circuit Voltage (Voc) V	37.9	38.1	38.3	45.7	45.8	46.0	46.2	46.3
5	Short Circuit Current (Isc) A	8.93	9.03	9.12	8.76	8.92	9.03	9.13	9.24
6	Module Efficiency (n)%	15.98	16.0	16.29	16.00	16.23	16.49	16.75	17.01
7	Solar Cell	60 Cell (10 x 6)			72 Cell (12 x 6)				
8	Length x Width x Height mm (+/- 1)	1640 x 992 x 40			1956 x 992 x 40				
9	Weight	18.5 Kg			22.5 kg				

Temperature Coefficients (Tc) nominal operating cell temp

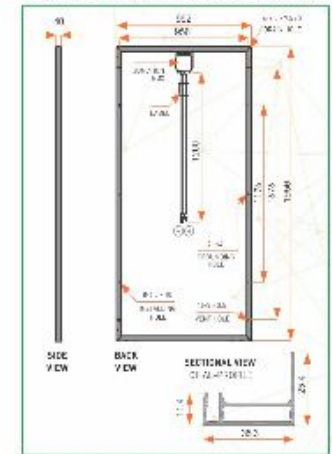
Tc of Open Circuit Voltage (β)	- 0.31%/°C
Tc of Short Circuit Current (α)	0.052%/°C
Tc of Power (γ)	-0.41%/°C
Maximum System Voltage	1000 V
HOCT	44°C ± 2°C
Temperature Range	-40°C to + 85°C

MECHANICAL DATA

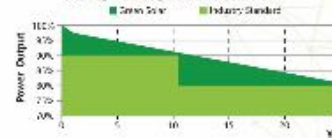
Junction Box	IP68/IP67, 3 Bypass diodes
Cable & Connectors	1200 mm (47.24 inches) length cables, MC4 Compatible/MC4 Connectors
Application Class	Class A (Safety class II)
Substrate	3.2 mm (0.13 inches) high transmission low iron tempered glass, AR coated
Cells	588 Polycrystalline solar cells
Cell Encapsulant	EVA (Ethylene Vinyl Acetate)
Back Sheet	Composite film/ White
Frame	Anodized aluminium frame with twin wall profile
Mechanical Load Test	5400 Pa (Snow load), 2400 Pa (Wind load)
Maximum Series Fuse Rating	5020 A

PRODUCT WARRANTY: • 10 year warranty on material and workmanship
• 10 years at 90% power output, 25 years at 80% power output

72 Cells PV Modules Dimensions in mm



PERFORMANCE WARRANTY



Conformity to Standards : ISO 9001 : 2015 | IS 14286 : 2010 | IS 61730 : (Part 1 & 2) | PID Free



Green Solar[®]

energy of the future

SOLAR PV MODULES | SOLAR ON GRID & OFF GRID SOLUTIONS | SOLAR SUBMERSIBLE | SOLAR STREET LIGHT



nitra



Green Solar[®]

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Matri Shree Techno Industries

Premium PV Module Manufacturer

Office Address : First Floor, Flat No. - 11, Block No. F-1, Opposite Hotel Taj, Mint House, Nadesar, Varanasi - 221 002

Factory Address : Plot No. - F-85-86, Phase - II, IIC, Chandaul - 232101

Lucknow Office: C-327, Nirala Nagar, Behind Post Office, Lucknow - 226 020

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Module image for representation purpose only. Due to continuous product updation, specification may change without prior notice.