

GOLDI_66GN1

Monocrystalline Module



Key Features	
● Excellent module conversion efficiency of up to 19.08%.	● BOS cost Reduction for 1500 VDC System by connecting more modules in a string.
● Up to +2% positive power output guaranteed.	● Better performance even at low irradiance condition.
● Reducing equipment loss increases the power generation in overall system.	● Higher specific yield.
● Loss minimization due to excellent temperature co-efficient.	

Quality & Reliability	
● Manufactured in an ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 certified facility.	● Salt mist and ammonia corrosion resistant (IEC 61701 & IEC 62716).
● Manufactured using high grade raw materials from reputed international suppliers adopting a stringent quality criteria.	● IP67/IP68 rated junction box for long-term weather endurance.
● PID resistant (IEC 62804).	● 25 years output warranty.
	● Certified for hail resistance.
	● Certified with IEC & BIS.

Technical Data for GOLDI_66GN1 - Monocrystalline Module

Electrical Parameter at STC	
Module Type	GOLDI066FWpPRC24
Capacity rating – Pmax(Wp)	320 325 330 335
Power Tolerance (%)	0 - 2 0 - 2 0 - 2 0 - 2
Module efficiency (%)	17.96 18.24 18.52 18.80
Rated voltage - Vmp(V)	35.35 35.65 35.90 36.10
Rated current - Imp(A)	9.06 9.12 9.20 9.28
Open circuit voltage - Voc(V)	43.85 44.10 44.40 44.70
Short circuit current - Isc(A)	9.41 9.49 9.57 9.64
Under Standard Test Conditions (STC) of irradiance 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C. Except Pmax, all other parameters have a tolerance of ±3%.	

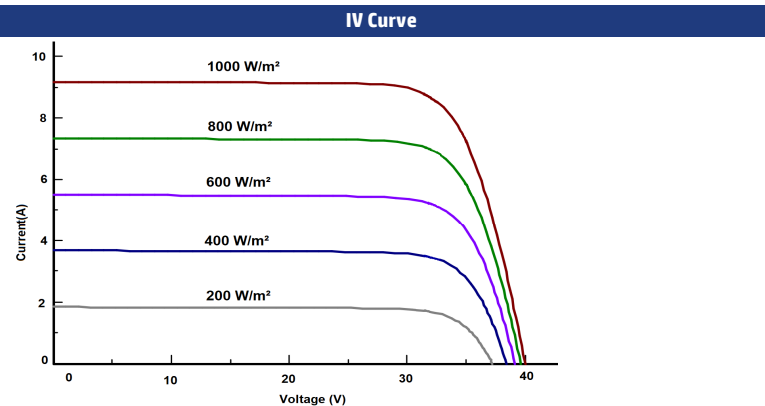
Electrical Parameter at NOCT	
Capacity rating - Pmax(Wp)	237.87 241.48 245.30 248.81
Rated voltage - Vmp(V)	32.79 33.07 33.30 33.49
Rated current - Imp(A)	7.25 7.30 7.37 7.43
Open circuit voltage - Voc	40.87 41.10 41.38 41.66
Short circuit current -Isc(A)	7.62 7.68 7.75 7.81
NOCT irradiance of 800 W/m², ambient temperature of 20°C, Wind speed 1m/sec	

Guarantees and certifications	
Product warranty**	10 years
Performance guarantee**	Limited warranty for power output :- 90% for 10 years and 80% for 25 years
Product Certificates	IEC 61215, IEC 61730, IEC 61701, IEC 62716, CE, BIS

Mechanical Specification	
Solar cells	66 pcs monocrystalline Silicon(PERC), 5BB
Encapsulation	Ultra - clear PID free EVA (Ethylene-Vinyl-Acetate)
Backside	UV protected reflective backsheet
Frame	Silver Anodized Aluminium Alloy (screwless)
Front glass	3.2 mm, High Transmission, AR Coated Tempered Glass
Dimensions	(L)1800 mm x (W)990 mm x (H)35 mm
Weight	20.2kg
J-box	IP67/IP68 certified 4-rail, 3 diodes junction box
Cable	Solar cable 400mm to 1200 mm length, 4 mm²
Connectors	MC4 compatible connectors
Application Class	Class A
Electrical Safety	Class II
Fire Safety	Class C (Type 1)
Surface load	(snow load 5400 Pa, wind load 2400 Pa).

Temperature Coefficients (TC)	
Temperature Coefficient (Voc)	-0.29% /°C
Temperature Coefficient (Isc)	0.05% /°C
Temperature Coefficient (Pmax)	-0.38% /°C

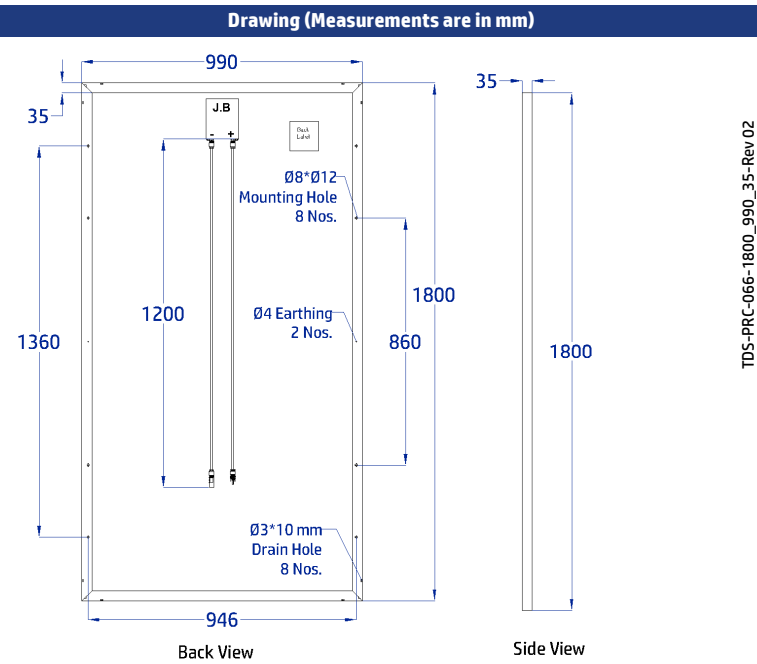
Permissible Operating Conditions	
Temperature range	-40°C to + 85°C
Maximum system voltage	1500/1000 VDC
NOCT	45± 2°C
Hail resistance	Maximum diameter of 25 mm with velocity 23 m/s



- For handling & installation instructions refer Goldi Solar Installation Manual available on Company website.
- Before placing order confirm your requirement with our sales representative.
- The electrical data given here is for reference purpose only.
- Dispose-off the product as E-Waste after end of its working life.
- ** Refer to Goldi Solar's warranty document for terms and conditions.
- Due to constant product modifications, Goldi Solar reserves the right to amend the above specifications without prior notice.

Container	20' GP	40' HC
Pallets/ container	12	28
Modules/ Container	360	840

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