The Future of Solar Energy is Now



Gutmann Solar

Monocrystalline **Professional** GSMP 310





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ELECTRICAL DATA	
Module Type	GSMP 310
Rated Power	310 W
Maximum Power Voltage (Vmp)	36.00
Maximum Power Current (Imp)	8.61
Open Circuit Voltage (Voc)	44.90
Short Curcuit Current (Isc)	8.91
Module Efficiency (n)	>15.99%
Power Tolerance	0~+3%
Maximum System Voltage	1000 V DC
Performance at STC: AM 1.5, 1000W/m², 25°C	

	DATA

Dimensions	1956mm x 992mm x 40mm
Weight	22.5kg
Cells	Monocrystalline 72 (6 x 12)
Cell Size	6"
Glass Thickness	4.0mm tempered glass
Frame Material	Anodized Aluminium
Junction Box	IP67, combined with 3 bypass diodes
Output Cables	900mm length, compatible with MC4 Connector

QUALITY & WARRANTY

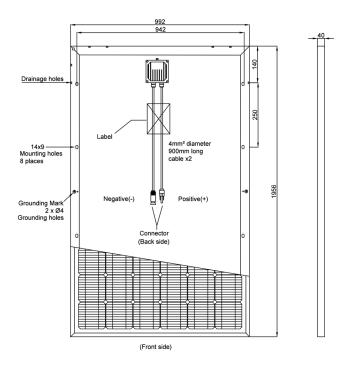
Quality Tests	ISO 9001: 2008 quality standards and ISO 14001: 2004 environmental standards
Certification	TÜV Nord certified according to IEC 61215 and IEC 61730 Class A certifications
Snow Load Capacity	5400 Pascal
Wind Resistance	2400 Pascal
Achievement Guarantee	90% power output after 12 years 80% power output after 30 years
Warranty	12-year product warranty

TEMPERATURE COEFFICIENTS

Pmax Temp Coefficient	-0.40%/ °C
Voc Temp Coefficient	-0.31%/°C
Isc Temp Coefficient	+0.03%/°C
Operating Temperature Range	-40~+85°C
NOCT (Nominal Operating Cell Temp)	45±2 °C

PACKAGING DATA

No. of untis per pallet	28
No. of units per 40' HC container	672
Box Dimensions (L x W x H)	1975 x 985 x 2270mm



AUTHORIZED DEALER: