

Technical specification

GWL/Sunny-300M



Key Features



Excellent module efficiency of up to 18.35%



IP67 junction box for long-term weather endurance

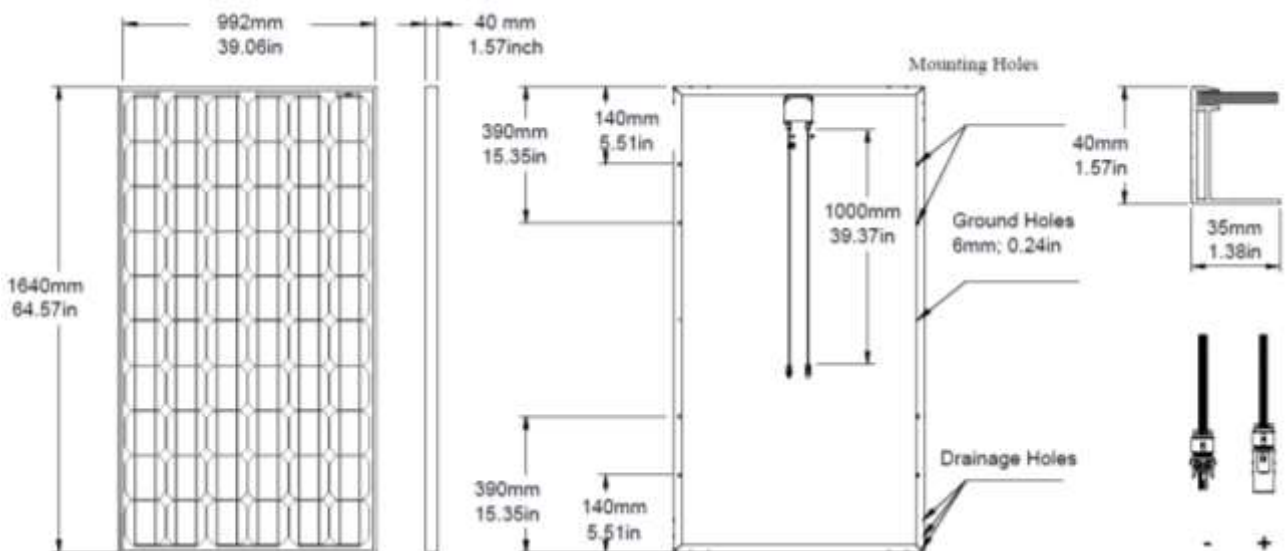


Outstanding low irradiance performance: 96.3 %

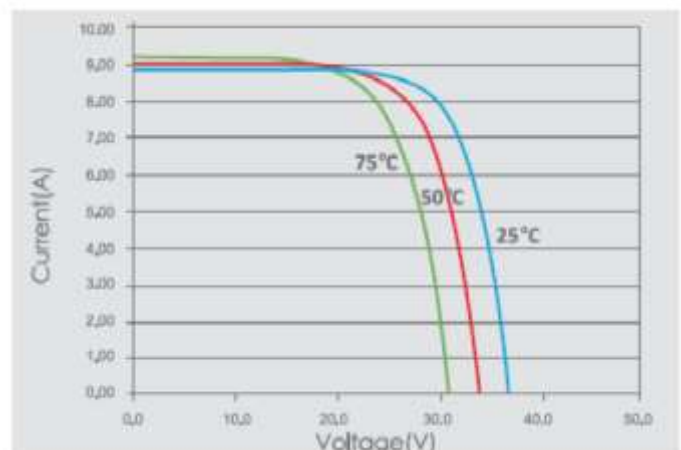
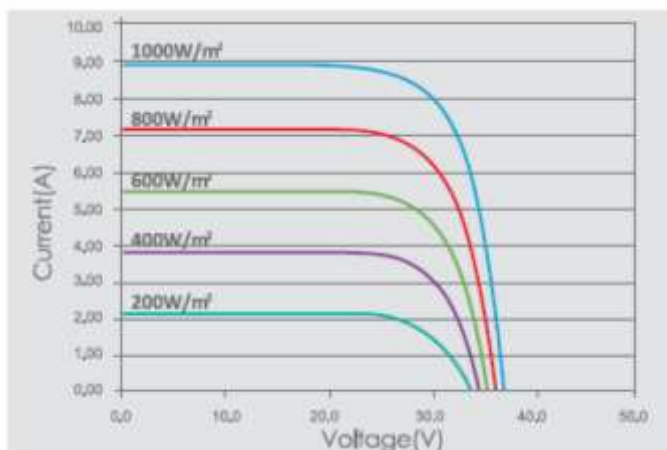


Heavy snow load up to 5400 Pa, wind load up to 2400 Pa

Engineering drawing (mm)



I-V curves



Technical specification

GWL/Sunny-300M	Specifications
Electrical data	
Nominal Max. Power (Pmax)	300 W
Opt. operating Voltage (Vmp)	32,26 V
Opt. operating Current (Imp)	9,3 A
Open Circuit Voltage (Voc)	39,85 V
Short Circuit Current (Isc)	9,75 A
Module Efficiency	18,35 %
Operating Temperature	-40 °C~+85 °C
Max. System Voltage	1000 V (IEC) or 1000 V (UL)
Max. Series Fuse Rating	15 A
Application Classification	Class A
Power Tolerance	0 ~ + 5 W
Mechanical data	
Cell Type	Mono-crystalline, 6 inches
Cell Arrangement	60 (6 × 10)
Dimensions	1640 × 992 × 40 mm
Weight	16,5 kg
Front Cover	3,2 mm tempered glass
Frame Material	Anodized aluminium alloy
J-Box	IP67, 3 diodes
Cable	4mm ² / 1000 V; 1000 mm length
Connectors	T4 (MC4)

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