

Technical specification

GWL/Sunny-320P



Key Features



Excellent module efficiency of up to 16.50%



IP67 junction box for long-term weather endurance

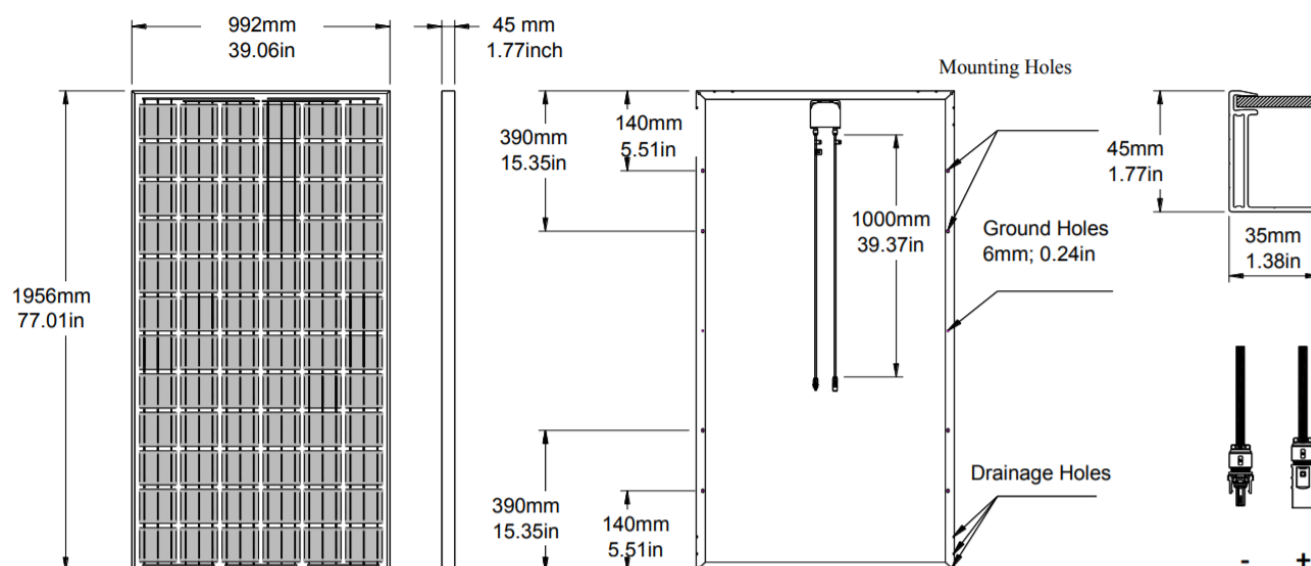


Outstanding low irradiance performance: 96.3 %

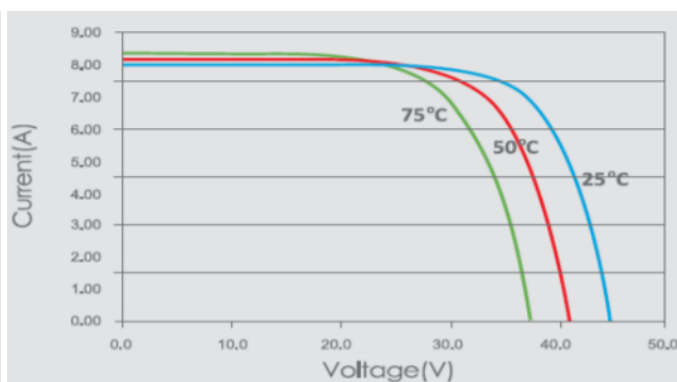
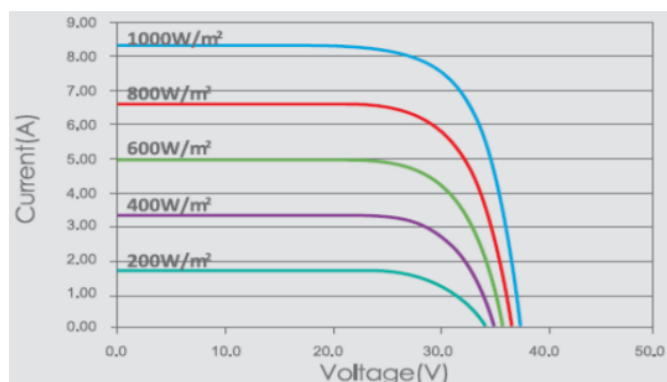


Heavy snow load up to 5400 Pa, wind load up to 3800 Pa

Engineering drawing (mm)



I-V curves



Technical specification

GWL/Sunny-300M	Specifications
Electrical data	
Nominal Max. Power (Pmax)	320 W
Opt. operating Voltage (Vmp)	37,5 V
Opt. operating Current (Imp)	8,53 A
Open Circuit Voltage (Voc)	46,00 V
Short Circuit Current (Isc)	9,5 A
Module Efficiency	16,5 %
Operating Temperature	-40 °C~+85 °C
Max. System Voltage	1000 V (IEC) or 600 V (UL)
Max. Series Fuse Rating	15 A
Application Classification	Class A
Power Tolerance	0 ~ + 5 W
Mechanical data	
Cell Type	Poly-crystalline, 6 inches
Cell Arrangement	72 (6 × 12)
Dimensions	1640 × 992 × 40 mm
Weight	21 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 compatible)

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