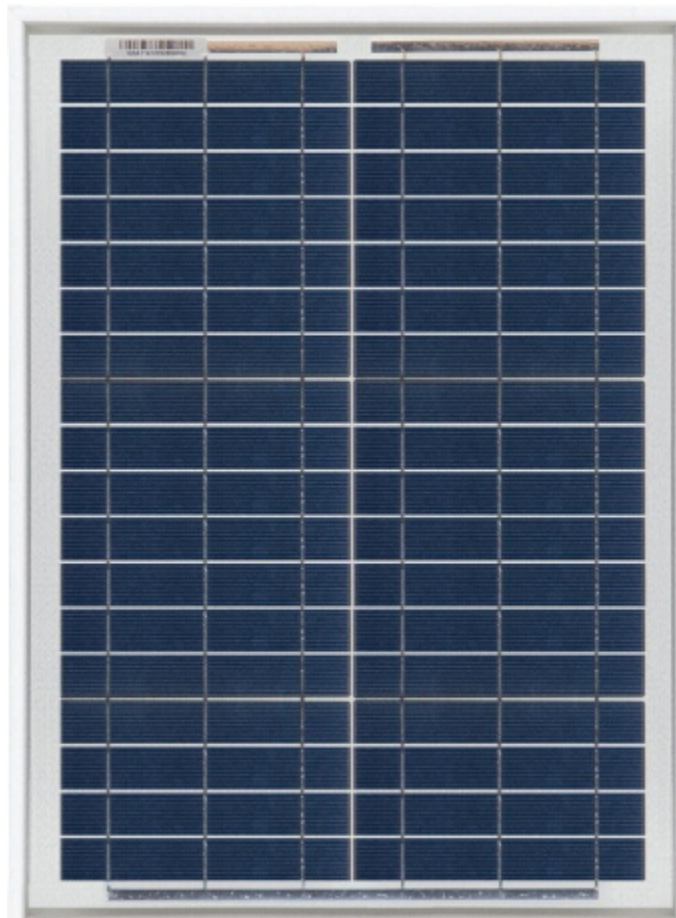


GWL/ Power Group Technology Solutions – Stay Powered for the Future

GWL/Power Specification Document



GWL/Power Solar Panels



GWL/Sunny Poly 20 Wp

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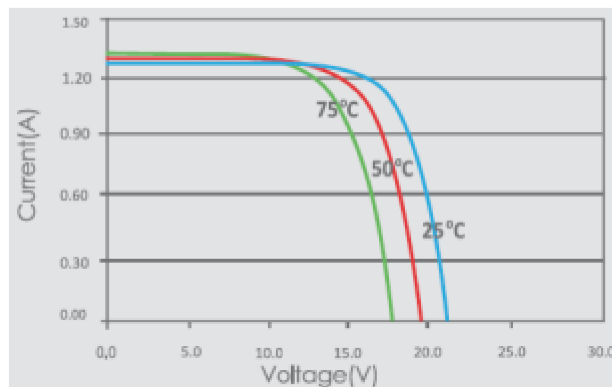
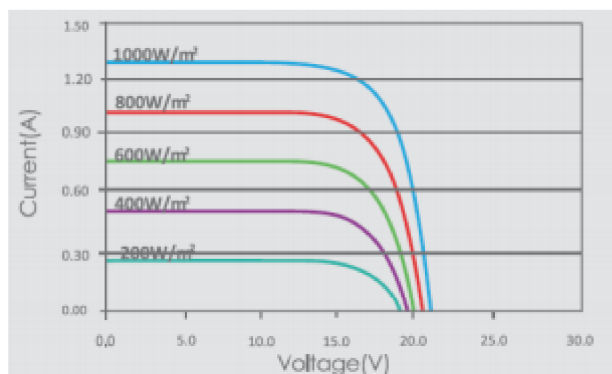
TECHNICAL SPECIFICATION

Product Information	
Product code	GWL/Sunny-20P
Cell Technology	Poly
Number of cells per module	36 cells
Size of each cell	156 x 21,9 mm
Electrical Data	
Maximal Power (Pmax)	20 Wp
Open Circuit Voltage (Voc)	22.2 V
Short Circuit Currents (Isc)	1.16 Amp
Maximum Power Point Voltage (Vmpp)	18,43 V
Maximum Power Point Current (Impp)	1.09 Amp
Maximum System Voltage	1000 V
Model Efficiency	12,13%
Thermal Data	
Nominal Operating Cell Temperature	45°C +/- 2°C
Temp. Coeff of Voc (TK Voc)	-(0,31+/-5) % / °C
Temp. Coeff of Isc (TK Isc)	+ 0.03% / °C
Temp. Coeff of Pmax (TK PMax)	-(0.38+/-0.05) % / °C
Mechanical Data	
Dimensions LxWxH	472 x 350 x 18 mm
Weight	1.8 kg

Certification



ELECTRICAL PARAMETERS GRAPH



<http://www.ev~power.eu>

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