

40W Solar panel specifications

Our range of solar panels are constructed from ultra-efficient polycrystalline and have been designed to provide a reliable and cost-effective alternative energy solution for applications where mains power is either not available, or not desirable.

Main features:

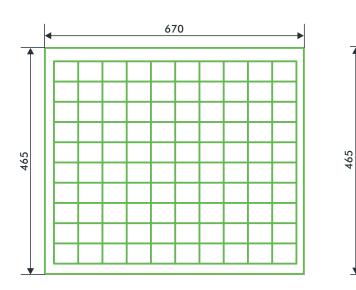
- Clever engineering makes for minimal power losses during prolonged periods in shade
- Fully weather-resistant durable white tempered glass, EVA resin and weather-resistant film enclosed in anodised aluminium frame

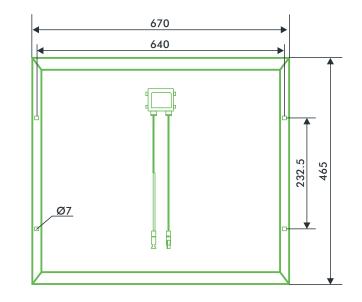
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Technical specifications

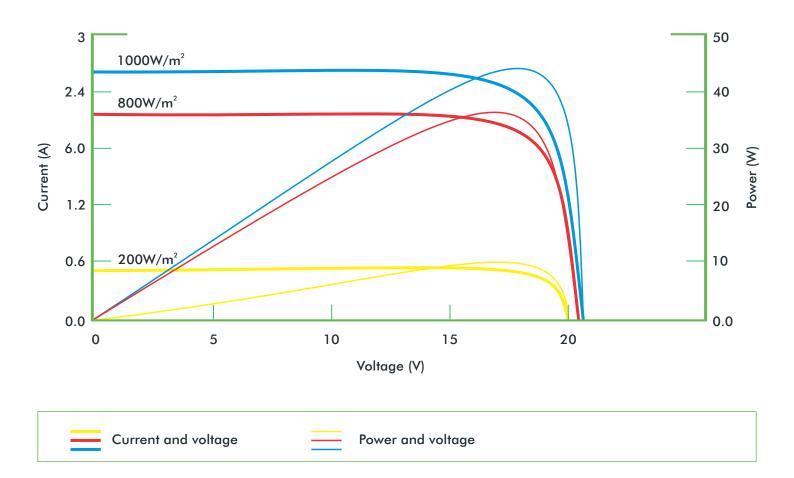
Type Of Module	40W	
Maximum Power	40W	
Tolerance	± 3%	
Open Circuit Voltage	22.2V	
Short Circuit Current	2.37A	
Maximum Power Voltage	18.2V	
Maximum Power Current	2.2A	
Module Efficiency	12.84%	
Solar Cell Efficiency	17.3%	
Series Fuse Rating	15A	
Terminal Box	IP65	
Maximum system voltage	1000V DC	
Operating Temperature	-40°C - 85°C	
Dimensions	465mm x 670mm x 25mm	
Weight	4kg	

Physical dimensions





E&OE Centurion Systems (Pty) Ltd reserves the right to change any product without prior notice



Current-voltage and power-volatge characteristics - various irradiance levels

Electrical characteristics

Electric performance typical performance characteristics		
Current Temperature Coefficient %/°C	+0.06	
Voltage Temperature Coefficient %/°C	-0.34	
Power Temperature Coefficient %/°C	-0.47	
Performance Warranty: 90%output, 12 year		

80%output, 25 years