WARNER ENERGY

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THIN FILM AMORPHOUS SILICON SOLAR PANEL

Electrical Characteristics

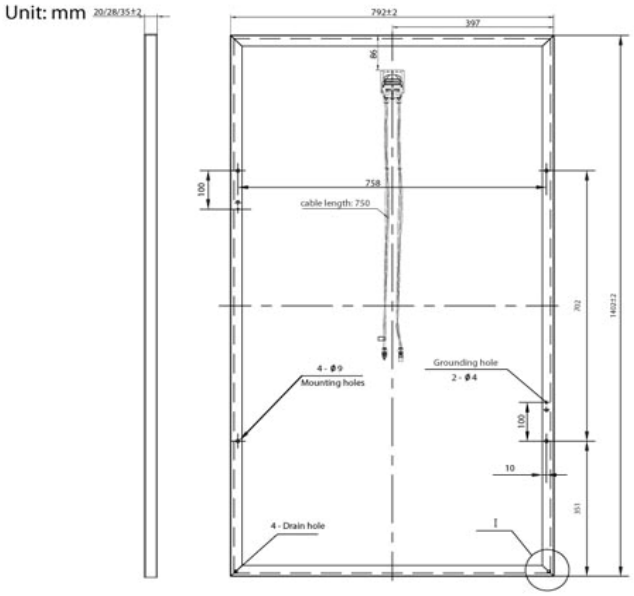
Nominal Power	60W
Open Circuit Voltage (Voc)	80.3V
Voltage at Max Power	62.3V
Short Circuit Current (Isc)	1.22A
Current at Max Power (Imp)	0.96A
Maximum System Voltage	1000V

Mechanical Parameters

Dimensions	55.2x31.2x1.26 in	Framed
(Length x Width x Thickness)	1402x792x35 mm	
	55.0x31.0x0.98 in	Unframed
	1397x787x25 mm	
Weight	43.9 lb / 19.9 kg	Framed
	39.5 lb / 17.9 kg	Unframed
Cable Length	29.7 in / 755 mm	

Module Characteristics

Type of Cell:	Thin Film - Amorphous Silicon	
Front Face:	Glass	
Encapsulate:	EVA	
Frame:	Anodized Aluminum	
Temp. Coefficients:	Power	-0.21%/°C
	Voltage	-0.249V/°C
	Current	+0.854mA/°C



Warranty

Output Power Warranty: 25 Years

- Minimum 90% at the end of 10 years
- Minimum 80% at the end of 25 years
- 5 Years guarantee on the product

Certifications: IEC 61215 / IEC 61730-1 / IEC 61730 - 2 / TUV Safety Class II / UL 1703

·Proven Manufacturing Quality and Capability
·Since 1993
·ISO Certified Factory

UL 1703 Certified

IEC 61646: Thin-film terrestrial photovoltaic (PV) modules-design qualification and type approval

IEC 61730: Photovoltaic module safety qualification (Safety Class II)

Due to product modifications, Warner Energy reserves the right to amend the above specifications without prior notice.