EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

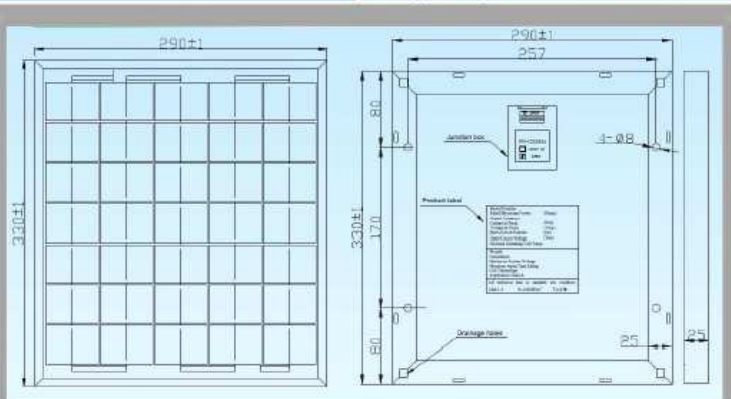
Polycrystalline Solar Cell

MWG-10



Solar MWG produced under the MW Green Power is intended for use as a source of energy in stand-alone systems and can be used to connect to a larger photovoltaic systems. Electrical parameters predispose MWG-10 to power autonomous systems 12V when connecting in parallel, and 24V series connection of two batteries. Number of parallel branches is only limited by the charging controller parameters. Solar MWG-10 are made of polycrystalline silicon target with an efficiency of 10%. Components for construction come from reputable suppliers.

Electrical data for STC at 1000W/m^2		
Max power	[W]	10W
V max	[V]	17,49
I max	[A]	0,58
Voc	[V]	21,67
Isc	[A]	8,82
Additional data		
Power tolerance	[%]	±3
Max. System Voltage	[V]	1000
Temperature range	[°C]	from -40 to 85
Mechanical data		
Lenght	[mm]	330
Width	[mm]	290
Depth	[mm]	25
Weight	[kg]	1,5
Terminal	Type	PV-LH



Quality and safety

- Rigorous quality control to ensure the highest international standards of performance
- High-transmissive low-iron tempered glass, durable aluminum frame with UV-resistant silicone
- ISO 9001:2008, ISO 14001:2004, OHSAS18001
- IEC61215, IEC61730, Safety class II, adapted to CE

Warranty

- 5 years product warranty
- 15-year warranty for a minimum of 90% of the nominal power
- 25 years warranty for a minimum of 80% of the nominal power

Certificates