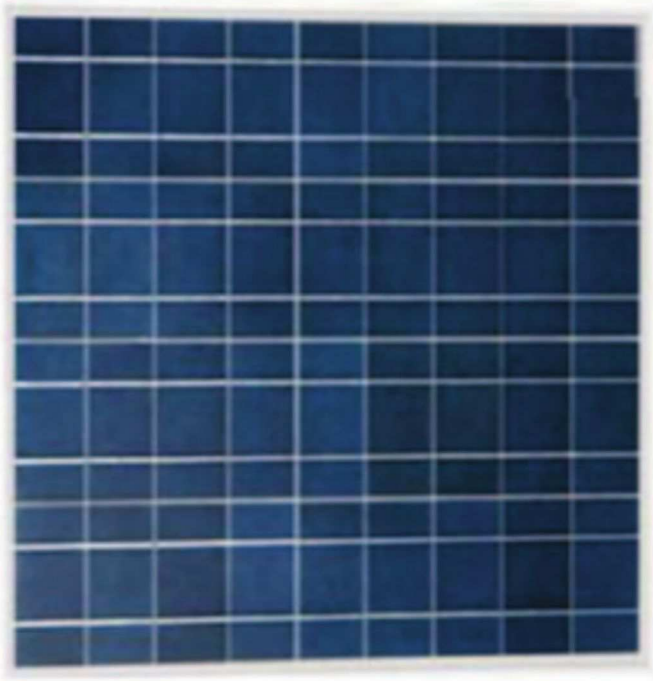
EN: This Datasheet/Document is presented by the manufacturer.

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

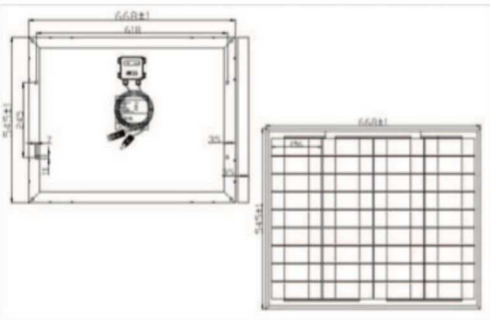
Polycrystalline Solar Module

MWG-55 55Wp

Mwg solar batteries produced under the MW Green Power sign are intended for use as an energy source in autonomous systems and can be used to connect to larger solar systems. Electrical parameters predispose MWG-55 to supply autonomous systems with 12V voltage for parallel connection, and 24V for serial connection of two batteries. The number of parallel branches is limited only by the parameters of the charging controllers. MWG-55 solar batteries are made of polycrystalline silicon target with 15.5% efficiency. Components for construction come from reputable suppliers.



Electrical parameters – STC 1000W/m^2		
Max. power	[W]	55
Max. voltage	[V]	18,14
Max. current	[A]	3,04
Voc voltage	[V]	21,8
Isc current	[A]	3,24
Other parameters		
Power tolerance	[%]	+/-3
Max. system voltage	[V]	1000
Operational temperature	[°C]	-40 to 85
Mechanical parameters		
Length	[mm]	620
Width	[mm]	668
Depth	[mm]	30
Mass	[kg]	6,3
Terminal	type	PV MC4



QUALITY AND SAFETY

Rigorous control to ensure the highest international standards

Highly-permeable low-iron tempered glass, durable aluminum frame with UV-resistant silicone

ISO 9001:2008, ISO 14001:2004, OHSAS18001

IEC61215, IEC61730, II Sefety class, up to CE

Warranty

5 year guarantee

15 years warranty for a minimum of 90% of nominal power

25 years warranty for a minimum of 80% of nominal

Certifications