



PR-390-GB 360-390W

MonoPERC-72cell-M2

**Maximum Efficiency
20.1%**

**Positive Power Tolerance
0~+5W**



Optimum Value

1500V system voltage results in lower BOS cost
Good for large scale installations



Higher Reliability

In-house testing beyond standard requirements
100% EL double inspection



Robust and Corrosion Free

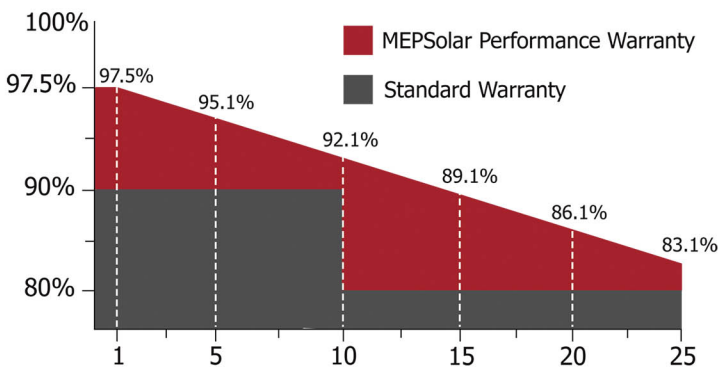
2400Pa wind load - 5400Pa snow load
25mm Hail stone at 82 km/h

Product & System Certificates

IEC61215/IEC61730

ISO9001 : Quality Management System

ISO14001 : Environment Management System



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Electrical Specification (STC)			STC: AM1.5 1000W/m ² 25°C [Test Uncertainty: ±3%]						
Model			PR-390-GB 360	PR-390-GB 365	PR-390-GB 370	PR-390-GB 375	PR-390-GB 380	PR-390-GB 385	PR-390-GB 390
Max Power	P _{mp}	[W]	360	365	370	375	380	385	390
Max Power Voltage	V _{mp}	[V]	39.23	39.51	39.72	40.01	40.31	40.42	40.60
Max Power Current	I _{mp}	[A]	9.18	9.25	9.32	9.39	9.45	9.54	9.61
Open Circuit Voltage	V _{oc}	[V]	47.21	47.42	47.53	47.78	48.05	48.22	48.41
Short Circuit Current	I _{sc}	[A]	9.67	9.73	9.85	9.92	9.99	10.06	10.13
Efficiency	[%]		18.6	18.8	19.1	19.3	19.6	19.8	20.1

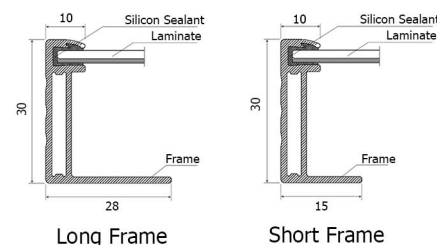
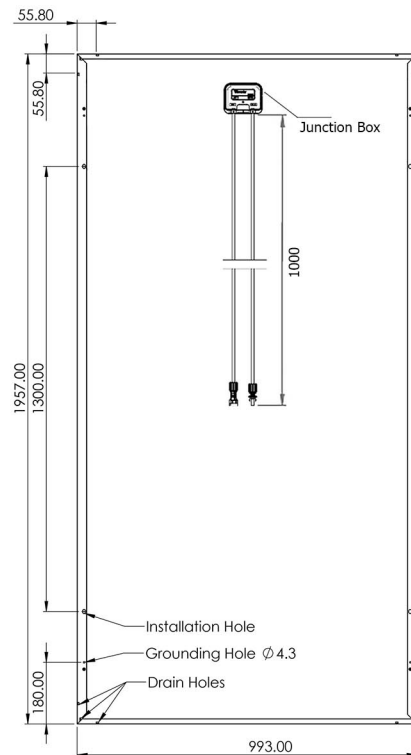
*Positive Power Tolerance 0~+5W

Electrical Specification (NMOT)			NMOT: 800W/m ² 20°C 1m/s [Test Uncertainty: ±3%]						
Max Power	P _{mp}	[W]	268	272	275	279	283	286	290
Max Power Voltage	V _{mp}	[V]	36.40	36.60	36.80	37.10	37.30	37.50	37.70
Max Power Current	I _{mp}	[A]	7.38	7.43	7.49	7.54	7.60	7.65	7.71
Open Circuit Voltage	V _{oc}	[V]	43.88	44.08	44.20	44.39	44.58	44.75	44.98
Short Circuit Current	I _{sc}	[A]	7.77	7.83	7.88	7.94	8.01	8.06	8.11

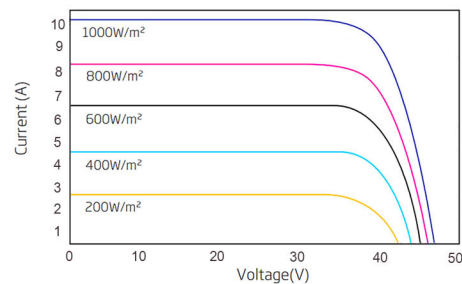
Mechanical Data	
Solar Cell	Mono-Crystalline PERC - 157mm - [6x12]
Module Dimension	1957x993x30 mm
Weight	23kg
Front Cover	Glass - 3.2mm High Transmition. Tempered AR Coated
Back Cover	White Backsheet
Frame	Silver - Anodized Aluminium Alloy
Junction Box	IP68 Rated - 3 Bypass Diodes
Cable	PV Tech Cable 4.0m ² -1000mm
Connector	MC4 Compatible (1500V)

Temperature Ratings				
Temperature Coefficient	I _{sc}	α	[%/°C]	+0.05
Temperature Coefficient	V _{oc}	β	[%/°C]	-0.30
Temperature Coefficient	P _{max}	γ	[%/°C]	-0.39
Nominal Module Operating Temperature	NMOT		[°C]	45 ± 2

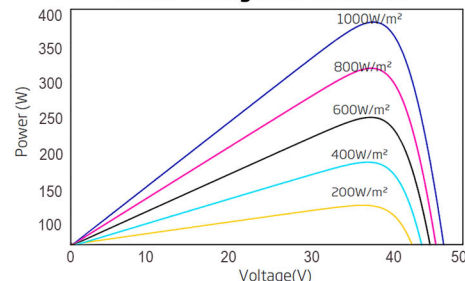
Properties for System Design		Packaging Information	
Max System Voltage	1500V	# Module per Pallet	31
Max System Fuse Rating	15 A	# Pallet per 45'HC Container	22
Safety Class	II	# Pallet per 40'HC Container	20
Fire Rating	C/Type 2	# PCs per Container 40'HC	620
Operational Temperature	-40 to +85 °C	Pallet Weight (kg)	718



Current-Voltage Curve 390W



Power-Voltage Curve 390W



Caution:

To operate, install and manage MEPSOLAR's modules, read the installation manual and use carefully.

Observations:

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