



PC-340-GB 310-340W

Poly-Crystalline-72cell-M2

Maximum Efficiency
17.5%

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

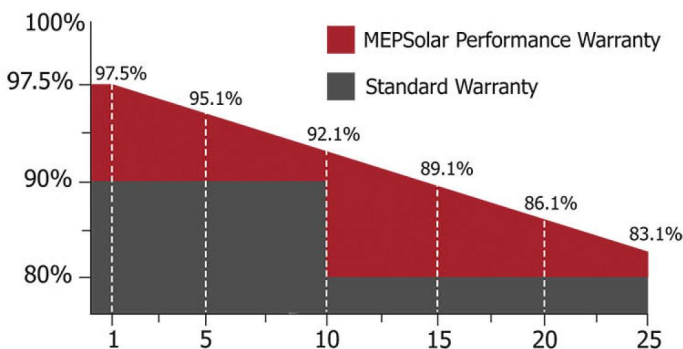
2400Pa wind load - 5400Pa snow load
25mm Hail stone at 82 km/h

Product & System Certificates

IEC61215/IEC61730

ISO9001 : Quality Management System

ISO14001 : Environment Management System



Electrical Specification (STC)		STC: AM1.5 1000W/m ² 25°C [Test Uncertainty: ±3%]						
Model		PC-340-GB 310	PC-340-GB 315	PC-340-GB 320	PC-340-GB 325	PC-340-GB 330	PC-340-GB 335	PC-340-GB 340
Max Power	P _{mp} [W]	310	315	320	325	330	335	340
Max Power Voltage	V _{mp} [V]	36.65	36.73	36.81	36.89	36.97	37.05	37.09
Max Power Current	I _{mp} [A]	8.47	8.59	8.71	8.82	8.93	9.05	9.17
Open Circuit Voltage	V _{oc} [V]	45.10	45.25	45.42	45.60	45.75	45.89	45.98
Short Circuit Current	I _{sc} [A]	8.92	9.05	9.20	9.34	9.45	9.58	9.67
Efficiency	[%]	16.0	16.2	16.5	16.7	17.0	17.3	17.5

*Positive Power Tolerance 0~+5W

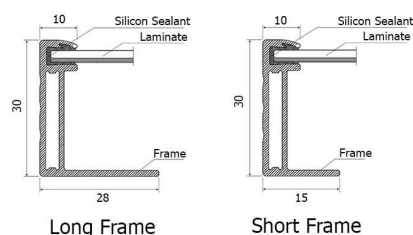
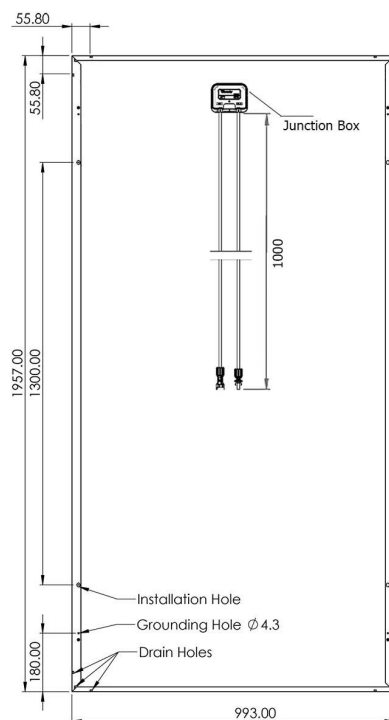
Electrical Specification (NMOT)		NMOT: 800W/m ² 20°C 1m/s [Test Uncertainty: ±3%]						
Max Power	P _{mp} [W]	230	233	237	241	244	248	252
Max Power Voltage	V _{mp} [V]	33.82	33.90	33.97	34.04	34.12	34.19	34.27
Max Power Current	I _{mp} [A]	6.80	6.87	6.98	7.08	7.15	7.25	7.35
Open Circuit Voltage	V _{oc} [V]	41.88	41.96	42.04	42.10	42.17	42.26	42.31
Short Circuit Current	I _{sc} [A]	7.14	7.24	7.36	7.48	7.56	7.64	7.80

Mechanical Data	
Solar Cell	Poly-Crystalline - 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)

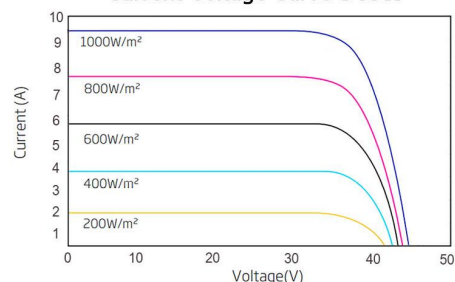
Temperature Ratings				
Temperature Coefficient	I _{sc}	α	[%/°C]	+0.05
Temperature Coefficient	V _{oc}	β	[%/°C]	-0.32
Temperature Coefficient	P _{max}	γ	[%/°C]	-0.41
Nominal Module Operating Temperature	NMOT		[°C]	45 ± 2

Properties for System Design	
Max System Voltage	1500V
Max System Fuse Rating	15 A
Safety Class	II
Fire Rating	C/Type 2
Operational Temperature	-40 to +85 °C

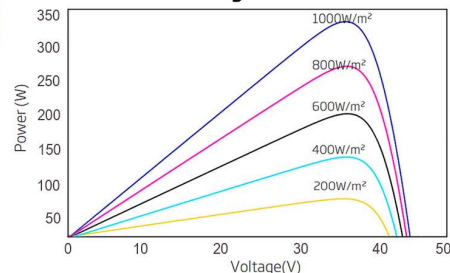
Packaging Information	
# Module per Pallet	31
# Pallet per 45'hc Container	22
# Pallet per 40'hc Container	20
# PCs per Container 40'hc	620
Pallet Weight (kg)	718



Current-Voltage Curve 340W



Power-Voltage Curve 340W



Caution:

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

Observations:

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