

CSP-M6M-108-HC-xxxW (330Wc~345Wc) Monocrystalline module

ADVANCED PERFORMANCE AND PROVEN ADVANTAGES

- High module conversion efficiency up to 20.73% by using innovative Half-cell design and Multi-busbar(MBB) cell technology.
- Low degradation and excellent performance under high temperature and low light conditions.
- Robust aluminum frame ensures the modules to withstand wind loads up to 2400Pa and snow loads up to 5400Pa
- High reliability against extreme environmental conditions (passing salt mist, ammonia and hail tests).
- Potential induced degradation (PID) resistance.



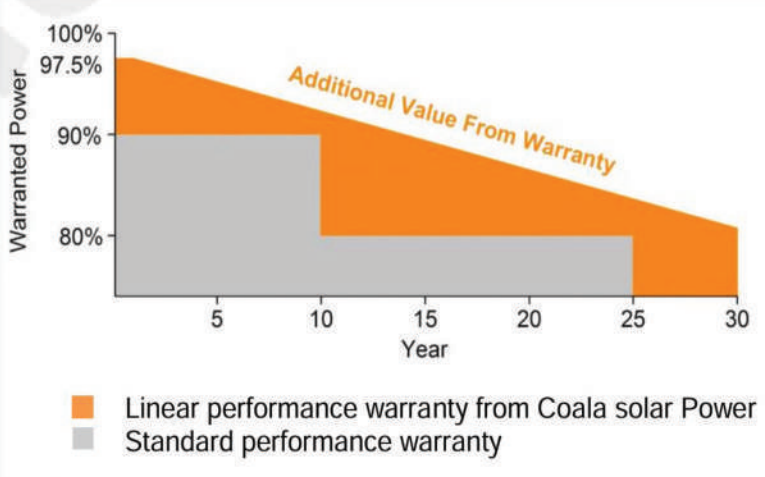
CERTIFICATIONS

- TUV certification,

SPECIAL WARRANTY

- 15 years product warranty
- 30 years linear power output warranty

**Passionately
committed to
delivering innovative
energy solution**



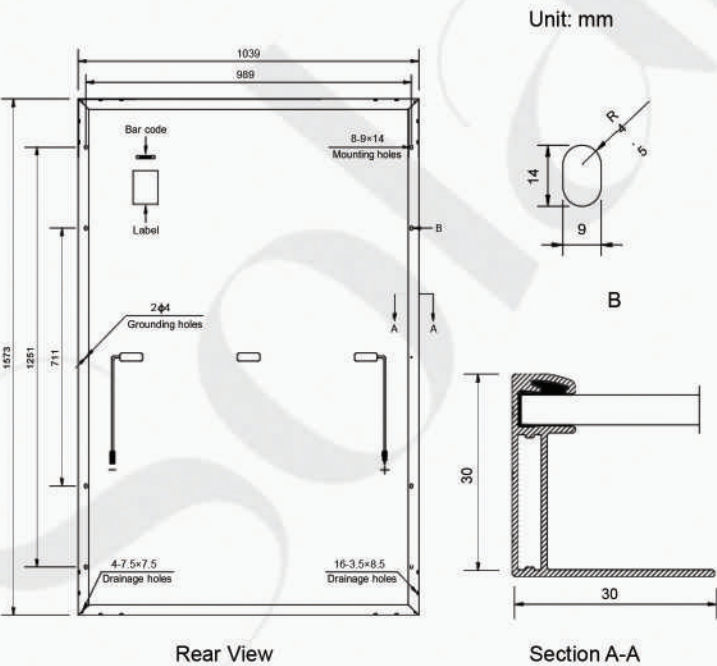
ELECTRICAL CHARACTERISTICS AT STC				
Maximum Power (P_{max})	330W	335W	340W	345W
Open Circuit Voltage (V_{oc})	36.50V	36.61V	36.93V	37.09V
Short Circuit Current (I_{sc})	11.26A	11.31A	11.36A	11.42A
Voltage at Maximum Power (V_{mp})	30.99V	31.15V	31.53V	31.75V
Current at Maximum Power (I_{mp})	10.64A	10.75A	10.80A	10.86A
Module Efficiency (%)	20.49	20.74	21.00	21.25
Operating Temperature	-40°C to +85°C			
Maximum System Voltage	1000V DC/1500V DC			
Fire Resistance Rating	Type 1(in accordance with UL1703)/Class C(IEC61730)			
Maximum Series Fuse Rating	25A			

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5; Tolerance of Pmax: ±3%; Measurement Tolerance: ±3%

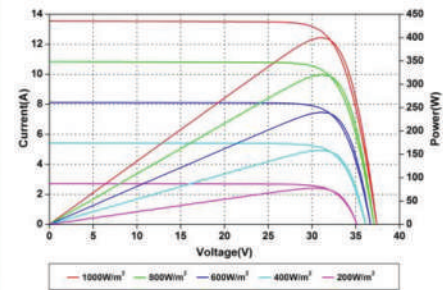
MECHANICAL CHARACTERISTICS	
Cell type	Monocrystalline PERC 166*83mm
Number of cells	108 (6x18)
Module dimensions	1573x1039x30mm
Weight	18kg (39.7lbs)
Front cover	3.2mm (0.13inches) tempered glass with AR coating
Frame	Anodized aluminum alloy
Junction box	IP68, 3 diodes
Cable	4mm ² ,600mm
Connector	MC4 or MC4 compatible

TEMPERATURE CHARACTERISTICS	
Nominal Operating Cell Temperature (NOCT)	43°C±2°C
Temperature Coefficients of P_{max}	-0.36%/°C
Temperature Coefficients of V_{oc}	-0.28%/°C
Temperature Coefficients of I_{sc}	0.05%/°C

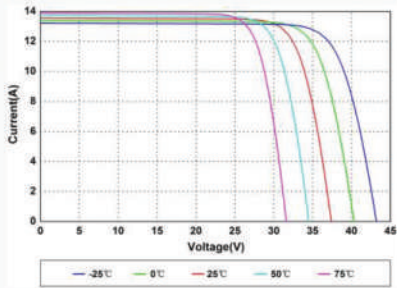
INGENEERING DRAWINGS



IV CURVES



Current-Voltage and Power-Voltage Curves at Different Irradiances



Current-Voltage Curves at Different Temperatures

Specifications in this datasheet are subject to change without prior notice.