



OCMS385M-72B-MX 365-385 Watt

MONO PERC MODULE
Power Optimized

Positive power tolerance of 0~+3%

ISO9001:2008、ISO14001:2004、OHSAS18001
certified factory.
IEC61215、IEC61730 certified products.

PERC



KEY FEATURES



Output-Voltage Limiting

Integrated Voltage/Current-Limiting Clamps Output Voltage/Current which reduces the overall system BOS.



Shade Tolerance

MPPT on individual cell-strings optimizes energy harvest



Built-in Cell Optimizer

No additional electronics or hardware required; allows for simple installation



Innovative Solar Cells

Five busbar monocrystalline cell technology improves module efficiency



PID RESISTANT:

Limited power degradation of Eagle module caused by PID effect is guaranteed under strict testing condition (85 C /85%RH,96hours)for mass production.



Low-Light Performance

Better light absorption and retention through advancements in glass technology

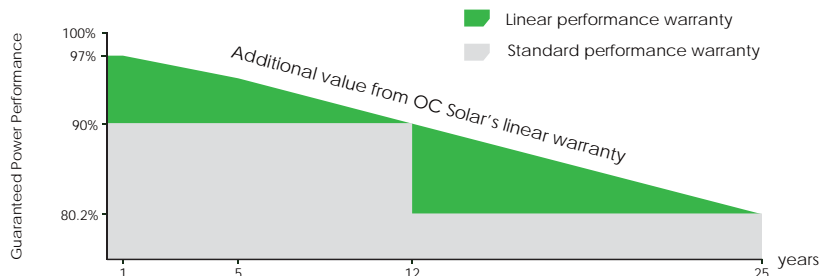


Strength and Durability

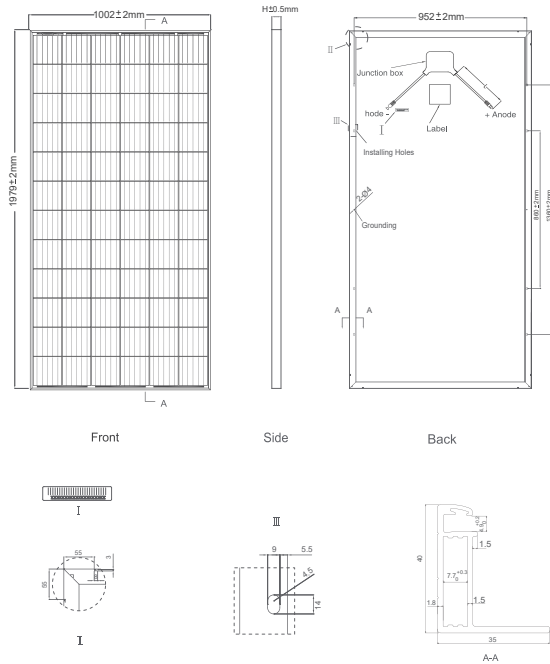
Certified for high snow (5400Pa) and wind (2400Pa) loads

LINEAR PERFORMANCE WARRANTY

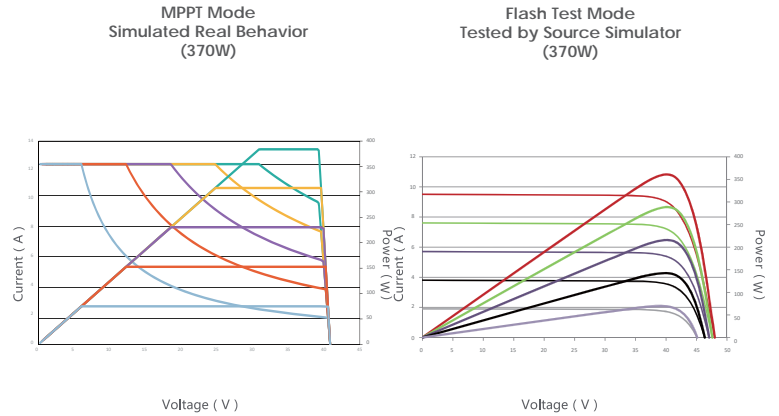
10 Year Product Warranty • 25 Year Linear Power Warranty



Engineering Drawings



Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	Mono PERC 158.75×158.75mm
No. of Cells	72 (6×12)
Dimensions	1979×1002×40mm (77.91×39.45×1.57 inch)
Weight	22.5 kg (49.6 lbs.)
Front Glass	3.2mm, Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP67 Rated
Output Cables	TÜV 1×4.0mm, Length:1200mm or Customized Length

Packaging Configurations

(Two pallets =One stack)

26pcs/pallet , 52pcs/stack, 572 pcs/40'HQ Container

SPECIFICATIONS

Module Type	OCMS365M-72B-MX		OCMS370M-72B-MX		OCMS375M-72B-MX		OCMS380M-72B-MX		OCMS385M-72B-MX	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	365Wp	274Wp	370Wp	278Wp	375Wp	282Wp	380Wp	286Wp	385Wp	290Wp
Maximum Power Voltage (Vmp)	37.7V	37.9V	37.9V	38.1V	38.2V	38.3V	38.5V	38.6V	38.8V	38.8V
Maximum Power Current (Imp)	9.69A	7.24A	9.77A	7.30A	9.82A	7.36A	9.88A	7.42A	9.93A	7.48A
Open-circuit Voltage (Voc)	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V	40.9V
Short-circuit Current (Isc)	12.0A	7.68A	12.0A	7.75A	12.0A	7.82A	12.0A	7.88A	12.0A	7.95A
Module Efficiency STC (%)	18.41%		18.66%		18.91%		19.16%		19.42%	
Maximum series fuse rating	20A									
Operating Temperature(°C)	-40°C~+85°C									
Maximum System Voltage	1000VDC (UL and IEC)									
Power Tolerance	0~+3%									
Temperature Coefficients of Pmax	-0.37%/°C									
Temperature Coefficients of Voc	-0.28%/°C for VOC ≤ 40.9V 0.0% /°C for VOC >40.9V									
Temperature Coefficients of Isc	0.048%/°C									
Nominal Operating Cell Temperature (NOCT)	45±2°C									

* STC: Irradiance 1000W/m²

Cell Temperature 25°C

AM=1.5

NOCT: Irradiance 800W/m²

Ambient Temperature 20°C

AM=1.5

Wind Speed 1m/s

* Power measurement tolerance: ± 3%