

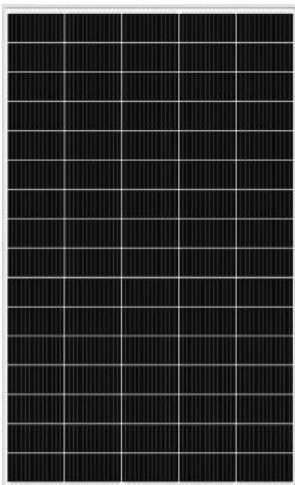
MS-M400~410(80) HC 400~410 Watt

MONO PER HALF CELL MODULE

Positive power tolerance of 0 to +3%

- Half Cell
- Mono PERC cell

PERC



KEY FEATURES

● 12 Busbar Solar Cell

12 busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.

● High Efficiency

Higher module conversion efficiency (up to 20.52%) benefit from half cell structure (low resistance characteristic).

● PID Resistance

Excellent Anti-PID performance guarantee limited power degradation for mass production.

● Low-light Performance

Advanced glass and cell surface textured design ensure excellent performance in low-light environment.

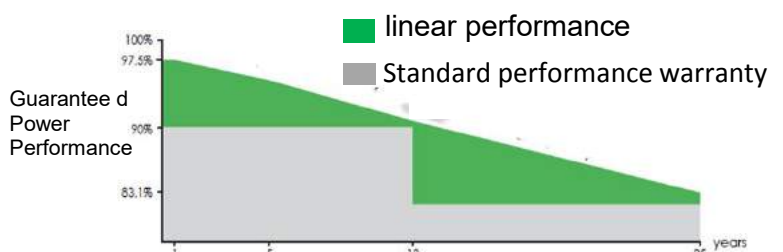
● Severe Weather Resilience

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

● Durability Against Extreme Environmental

LINEAR PERFORMANCE WARRANTY

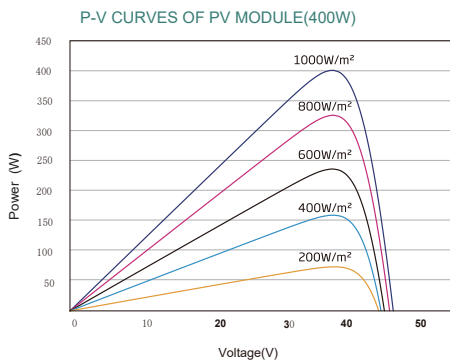
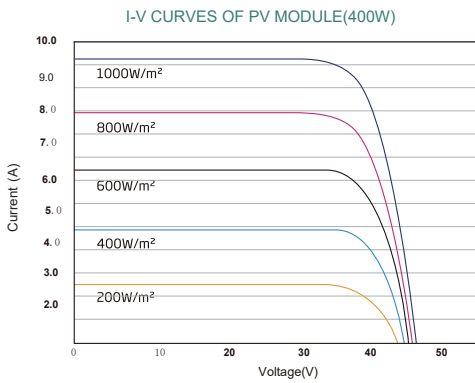
12 Year Product Warranty, 25 Year Linear Power



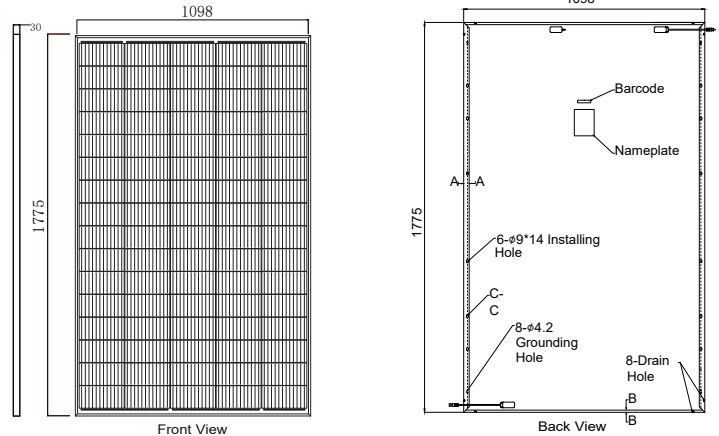
● ISO9001:2015, ISO14001:2015, ISO45001:2015 certificate factory

● IEC61215, IEC61730 certified product

Electrical Performance & Temperature Dependence



DIMENSIONS OF PV MODULE(mm)



Mechanical Characteristics

Cell Type Mono Perc 210 *105mm

No. of Half-cells 80(5×16)

Dimensions 1775×1098×30mm

Weight 21KGS

Front Glass 3.2mm Anti-Reflection Coating, High Transmission, Low Iron, Tempered Glass

Frame Anodized Aluminium Alloy

Junction Box IP67 Rated

Output Cables TÜV 1x4.0mm2

Packaging Configuration

37pcs/pallet
40HQ: 962PCS

SPECIFICATIONS

Module Type	MS-M400(80)HC	MS-M410(80)HC
	STC	STC
Voltage at Maximum Power (Vmp)	43.3V	44.0V
Maximum Power Current (Imp)	9.24A	9.32A
Open-circuit Voltage (Voc)	52.4V	53.24V
Short-circuit Current (Isc)	9.79A	9.88A
Module Efficiency STC (%)	20.52%	21.03%
Operating Temperature (°C)	-40°C~+85°C	-40°C~+85°C
Maximum System Voltage	1500VDC (IEC)	1500VDC (IEC)
Maximum Series Fuse Rating	30A	30A
Power Tolerance	0~+3%	0~+3%
Temperature Coefficient of max	-0.35%/°C	-0.35%/°C
Temperature Coefficient of Voc	-0.29%/°C	-0.29%/°C
Temperature Coefficient of Isc	0.048%/°C	0.048%/°C

Nominal Operating Cell Temperature (NOCT)

45±2°C

STC Irradiance



Cell Temperature



AM=1.5

The company reserves the final right for explanation on any of the information presented hereby.