



MONOCRYSTALLINE  
SILICON HALF-CELL MODULE

# H-395M~415M-144CB

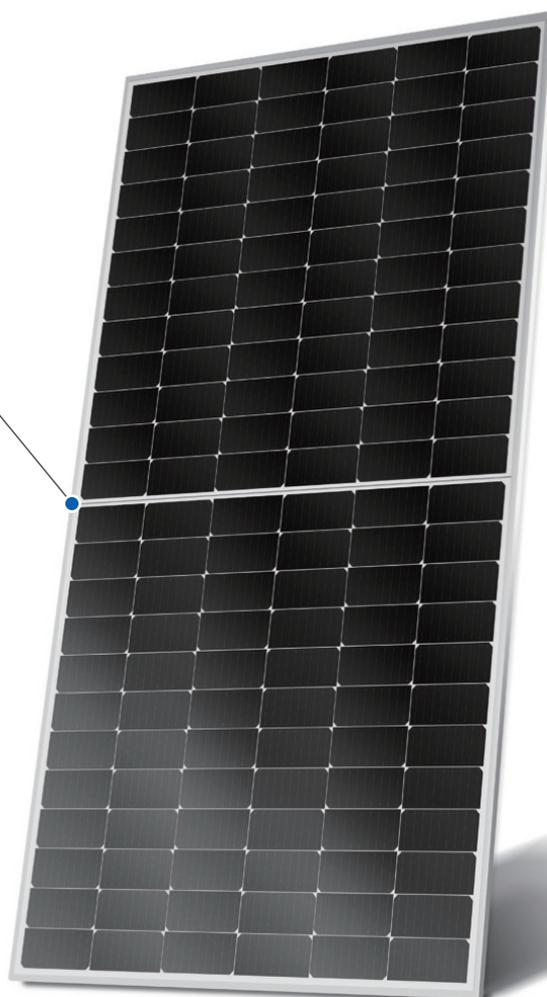
- ☀️ Suitable for ground power plants and large C&I projects
- ☀️ Validated good energy yield
- ☀️ Advanced module technology delivers superior module efficiency
- ☀️ High module quality ensures long-term reliability



15-year Warranty for materials and Processing



30-year Warranty for Linear Power Output



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<b>WORKING PARAMETERS</b>	<b>-40~+85</b>	<b>DC1500 (IEC)</b>	<b>20</b>	<b>Class II</b>
	Operating Temperature(°C)	Max. System Voltage(V)	Maximum Series Fuse Rating (A)	Application Class

## ELECTRICAL PARAMETERS | STC\* | STC:Irradiance 1000W/m, Module Temperature 25°C,AM1.5

Module Model	H-395M-144CB	H-400M-144CB	H-405M-144CB	H-410M-144CB	H-415M-144CB
Rated Max. Power(Pmax/W)	395	400	405	410	415
Power Tolerance	0~+5Wp				
Max. Power Voltage(Vmp/V)	40.23	40.45	40.75	41.00	41.30
Max. Power Current(Imp/A)	9.82	9.88	9.94	10.00	10.05
Open Circuit Voltage(Voc/V)	48.78	49.00	49.30	49.55	49.85
Short Circuit Current(Isc/A)	10.27	10.33	10.39	10.45	10.50
Module Efficiency(%)	19.63%	19.88%	20.13%	20.38%	20.63%

## TEMPERATURE CHARACTERISTIC

Temperature Coefficient of Pmax	-0.365%/°C
Temperature Coefficient of Voc	-0.27%/°C
Temperature Coefficient of Isc	+0.038%/°C
Nominal Module Operation Temperature	42±3°C

## PACKAGING

Container	40' HQ
Pieces per Pallet	31pcs/pallet
Pallets per Container	22
Pieces per Container	682
Gross Weight per Pallet	740Kg

## MECHANICAL PARAMETERS

Cell Type	P Type Monocrystalline 158.75
Cell Orientation	144pcs (6*24)
Module Structure	Glass/Encapsulate/Backsheet
Module Dimensions	2008mm*1002mm*35mm
Weight	22.6kg
Frame	Silver/black
J-BOX	IP67/IP68
Cables	4.0mm²,350mm/350mm or Customized Length
Connector	MC4 Compatible
Max. Wind Load/Max. Snow Load	2400Pa/5400Pa

## SIZE | (单位: mm) Module Dimensions

