



MONOCRYSTALLINE
SILICON HALF-CELL MODULE

H-530M~550M-144FB

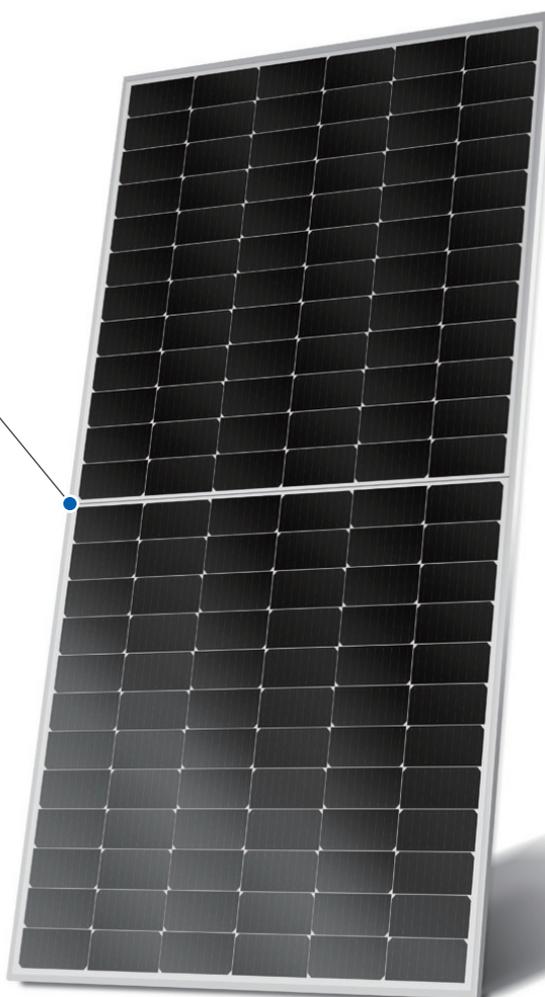
- ☀️ Suitable for ground power plants and large C&I projects
- ☀️ Validated good energy yield
- ☀️ Advanced module technology delivers superior module efficiency
- ☀️ High module quality ensures long-term reliability



15-year Warranty for materials and Processing



30-year Warranty for Linear Power Output



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WORKING PARAMETERS	-40~+85	DC1500 (IEC)	25	Class II
	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-530M-144FB	H-535M-144FB	H-540M-144FB	H-545M-144FB	H-550M-144FB
Rated Max. Power(Pmax/W)	530	535	540	545	550
Power Tolerance	0~+5Wp				
Max. Power Voltage(Vmp/V)	41.38	41.51	41.67	41.83	41.99
Max. Power Current(Imp/A)	12.81	12.89	12.96	13.03	13.10
Open Circuit Voltage(Voc/V)	49.18	49.33	49.48	49.63	49.79
Short Circuit Current(Isc/A)	13.70	13.77	13.84	13.91	13.98
Module Efficiency(%)	20.52%	20.71%	20.90%	21.10%	21.229%

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	20
Pieces per Container	620
Gross Weight per Pallet	965Kg

MECHANICAL PARAMETERS

Cell Type	P Type Monocrystalline 182
Cell Orientation	144pcs (6*24)
Module Structure	Glass/Encapsulate/Backsheet
Module Dimensions	2278mm*1134mm*35mm
Weight	29.0kg
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

