Electrical Characteristics

Module Type	M10-72-460
	STC
Maximum Power at STC (Pmp)	460
Open Circuit Voltage (Voc)	51.78
Short Circuit Current (Isc)	10.82
Maximum Power Voltage (Vmp)	44.64
Maximum Power Current (Imp)	10.30
Module Efficiency at STC(ηm)	25.15
Power Tolerance	(0,+4.99)
Maximum System Voltage	1000 VDC
Maximum Series Fuse Rating	20A

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5;

Temperature Characteristics

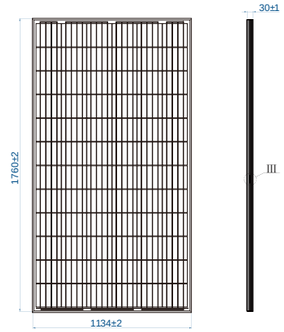
Pmax Temperature Coefficient	-0.36 %/°C
Voc Temperature Coefficient	-0.28 %/°C
Isc Temperature Coefficient	+0.05 %/°C
Operating Temperature	-40～+85 °C
Nominal Operating Cell Temperature(NOCT)	45±2 °C
Fire Rating	Class C

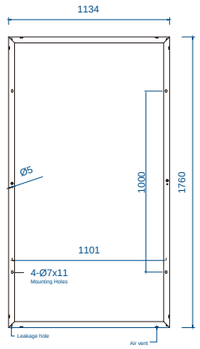
Mechanical Specifications

External Dimensions	1760 x 1134 x 30 mm
Weight	21.0kg
Solar Cells	Mono 140x182mm (72pcs)
Front Glass	3.2 mm AR coating tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68,3 diodes
Output Cables	4.0 mm²,Portrait:900mm or Customized Length
Connector	Genuine MC4 Connector /Compatible MC4 Connector
Mechanical Load	Front side 5400Pa/ Rear side 2400Pa

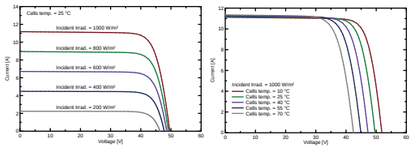
Packing Configuration

	1760 x 1134 x 30 mm
Container	40'HQ
Pieces per Pallet	36+36
Pallets per Container	13
Pieces per Container	936



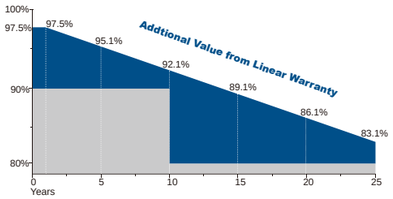


I-V Curve



Product Certificates

Warranty



10 YEARS Guarantee on product material and workmanship

25 YEARS linear power output warranty

Made in China

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