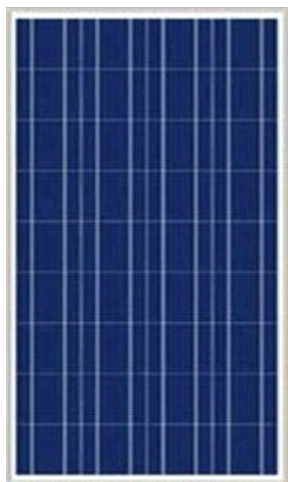


140、150 Watt

POLYCRYSTALLINE SOLAR MODULE



- High efficiency crystalline silicon cells
- High transmission low iron tempered glass, strong mechanical resistance
- Standard waterproof junction box, with bypass diode
- High endurance to different atrocious weather
- Custom designed modules according to clients' requirement

Electrical Characteristic

Module type		AP-P140	AP-P150
Maximum Power at STC(Pmax)	W	140	150
Power Output Tolerance	%	+/-3	
Module Efficiency	%	16	17.2
Optimum Operating Voltage(Vmp)	V	18	18.8
Optimum Operating Current(Imp)	A	7.8	8
Open-Circuit Voltage(Voc)	V	22	22.2
Short-Circuit Current(Isc)	A	8.3	8.5
Operating Module Temperature		-40°C to +80°C	
Maximum Series Fuse Rating		15A	

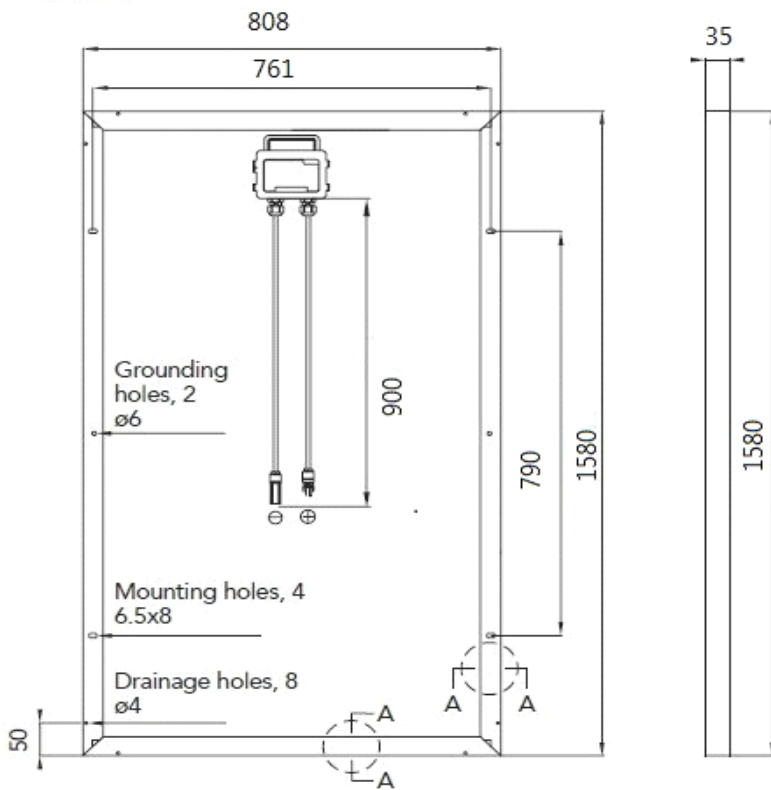
Mechanical Characteristics

Solar Cell	Polycrystalline 156x156 mm
No. of Cells	36(4x9)
Dimensions	1580x808x35mm
Weight	9kg
Front Glass	3.2 mm tempered glass
Frame	Anodized aluminium alloy
Laminating material	EVA
Backsheet material	TPT
Junction Box	IP65

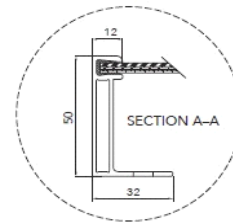
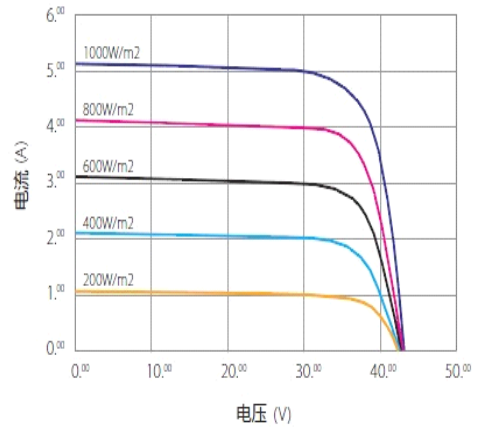
Packing Configuration

Pieces Per Container	20'GP	40'GP
	290	636

Unit: mm



I-V Curve



Temperature Characteristics

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of Pmax	-0.45%/°C
Temperature Coefficient of Voc	-0.34%/°C
Temperature Coefficient of Isc	0.050%/°C

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