

# 260-300Watt

## 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-P260	AP-P270	AP-P280	AP-P290	AP-P300
Maximum Power at STC(Pmax)	W	260	270	280	290	300
Power Output Tolerance	%	+/-3				
Module Efficiency	%	14.83	15.4	15.97	16.6	17.15
Optimum Operating Voltage(Vmp)	V	34.8	35	35.2	35.4	35.6
Optimum Operating Current(Imp)	A	7.47	7.71	7.95	8.2	8.4
Open-Circuit Voltage(Voc)	V	44	44.5	44.8	45.2	45.7
Short-Circuit Current(Isc)	A	8.09	8.2	8.33	8.65	8.83
Operating Module Temperature		-40°C to +80°C				
Maximum Series Fuse Rating		15A				

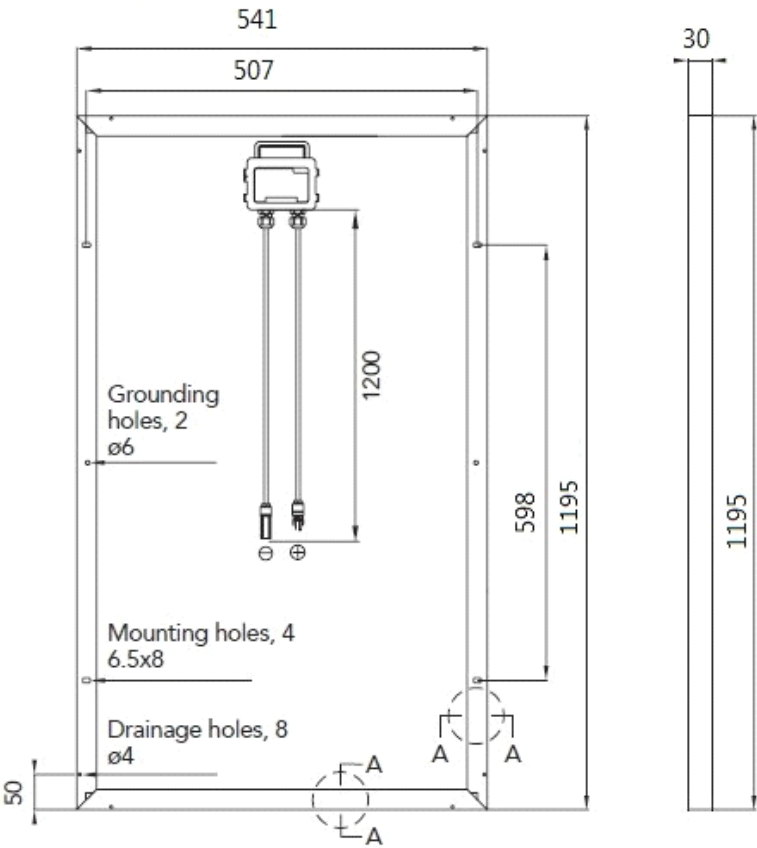
### Mechanical Characteristics

Solar Cell	Polycrystalline 156x156 mm
No. of Cells	72(6x12)
Dimensions	1950x990x50mm
Weight	25kg
Front Glass	3.2 mm tempered glass
Frame	Anodized aluminium alloy
Laminating material	EVA
Backsheet material	TPT
Junction Box	IP65

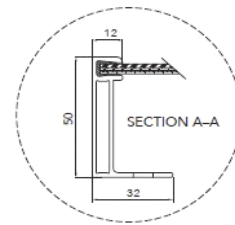
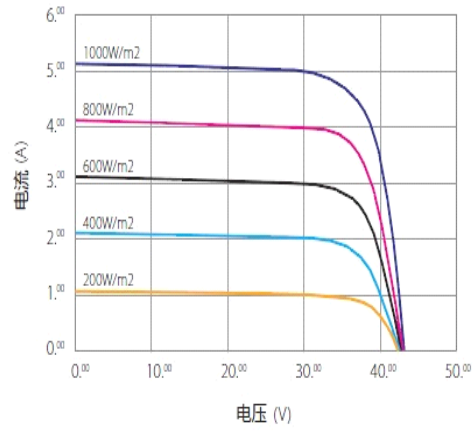
### Packing Configuration

Pieces Per Container	20'GP	40'GP
	196	420

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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