

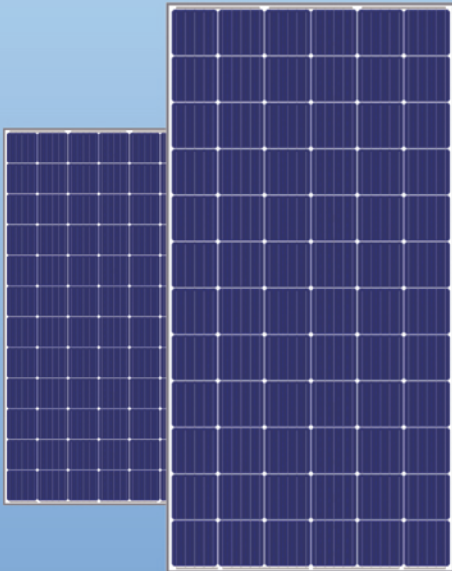
Embrace solar future



# Monocrystalline Solar Module

# ECO SHINE-72S

## 330-350W



### 72<sub>cells</sub>

Monocrystalline  
Module

### 330-350<sub>W</sub>

Output Range

### 18.0%

Maximum  
Efficiency

### 0~+5<sub>W</sub>

Output  
Guarantee

Munich RE



中国平安  
PINGAN

Munich RE providing Reinsurance

### 12<sub>Years</sub>

Product

### 25<sub>Years</sub>

Power Output

○ Ideal modules for solar power plant

○ ISO9001,ISO14001,OHSAS18001 Standard

JIANGSU AIDUO PHOTOVOLTAIC TECHNOLOGY CO.,LTD.



PID and snail trails free



Excellent performance under low irradiance



Additional environmental tested for salt mist /ammonia/sand,Ensure performance in harsh environment



Power tolerance 0~+5w  
Guaranteed power output



Additional yield and easy maintenance with high transparent self-cleaning glass



2 times EL testing during manufacturing,defect-free modules



Passed TUV Thresher test ensure module's long-term performance and reliability



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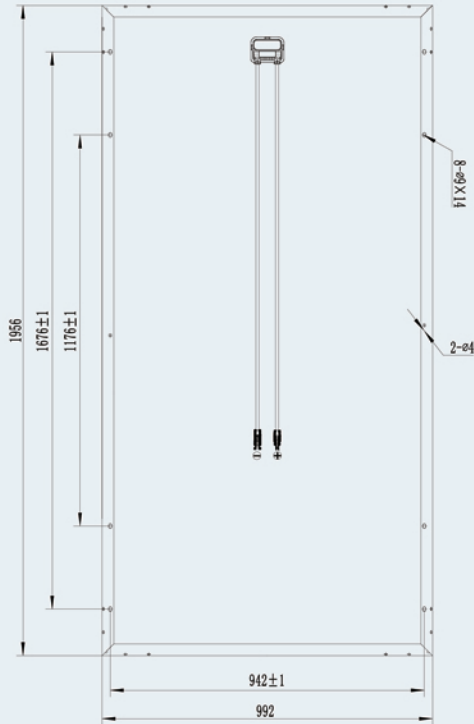
⚠ CAUTION:READ INSTALLATION MANUAL BEFORE USING THE PRODUCT

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# Monocrystalline Solar Module

## ECO SHINE-72S



Back View

Electrical Specification (STC)		AD330-72S	AD335-72S	AD340-72S	AD345-72S	AD350-72S
Max.Power	P <sub>m</sub> [W]	330	335	340	345	350
Power Tolerance	P <sub>m</sub> [W]	0~+5	0~+5	0~+5	0~+5	0~+5
Max.Power Voltage	V <sub>M</sub> [V]	38.3	38.6	38.9	39.2	39.5
Max.Power Current	I <sub>M</sub> [A]	8.62	8.68	8.74	8.80	8.86
Open Circuit Voltage	V <sub>OC</sub> [V]	46.7	47.0	47.3	47.6	47.9
Short Circuit Current	I <sub>SC</sub> [A]	9.15	9.22	9.28	9.35	9.40
Module Efficiency	[%]	17.0	17.2	17.5	17.7	18.0

STC : Irradiance 1000W/m<sup>2</sup>, Module temperature 25°C, AM=1.5

Electrical Data (NOCT)		AD330-72S	AD335-72S	AD340-72S	AD345-72S	AD350-72S
Max.Power	P <sub>m</sub> [W]	244	248	252	256	260
Max.Power Voltage	V <sub>M</sub> [V]	33.8	33.9	34.0	34.1	34.2
Max.Power Current	I <sub>M</sub> [A]	7.22	7.32	7.42	7.51	7.61
Open Circuit Voltage	V <sub>OC</sub> [V]	41.8	41.9	42.0	42.1	42.2
Short Circuit Current	I <sub>SC</sub> [A]	7.64	7.74	7.84	7.94	8.04

NOCT : Irradiance 800W/m<sup>2</sup>, Ambient temperature 20°C, Wind speed 1m/s

### Mechanical Characteristics

Solar Cell Type	156.75x 156.75mm Mono
No. of cells	72 (6 x 12)
Dimensions	1956x 992 x 40mm
Weight	22.5kg
Frame	Anodized Aluminum Alloy
Junction Box	IP67 Rated
Cables	4mm <sup>2</sup> , 1100mm
Connectors	MC4/MC4 compatible

### Packing Configuration

Modules per pallet	26 piece
Modules per 40' container	572 piece

### Temperature Rating

NOCT	45±2°C
Temp Coefficient of P <sub>max</sub>	-0.42%/°C
Temp Coefficient of V <sub>oc</sub>	-0.31%/°C
Temp Coefficient of I <sub>sc</sub>	0.039%/°C

### Maximum Rating

Operating Temp	-40~+85°C
Max.System Voltage	1000V DC
Max.Series Fuse Rating	15A

PV module: AIDUO, AD345-72S

