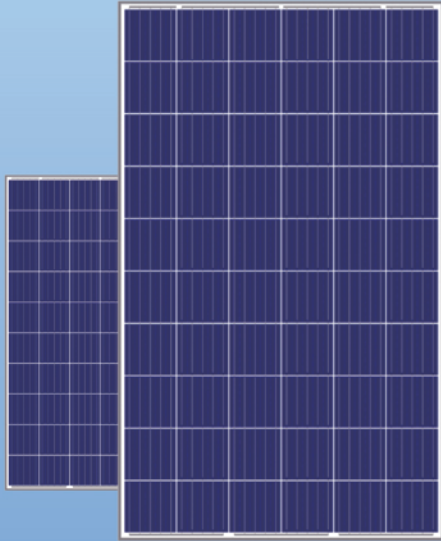


Embrace solar future



60_{cells}

Polycrystalline
Module

17.7%

Maximum
Efficiency

270-290_w

Output Range

0~+5_w

Output
Guarantee

Munich RE



中国平安
PING AN

Munich RE providing Reinsurance

12 Years

Product

25 Years

Power Output

○ Ideal modules for commercial and residential

○ ISO9001,ISO14001,OHSAS18001 Standard

JIANGSU AIDUO PHOTOVOLTAIC TECHNOLOGY CO.,LTD.

High Efficiency Polycrystalline Solar Module

SKY-60P

270-290W



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



en.aiduopv.com

+86-510-6882 2555

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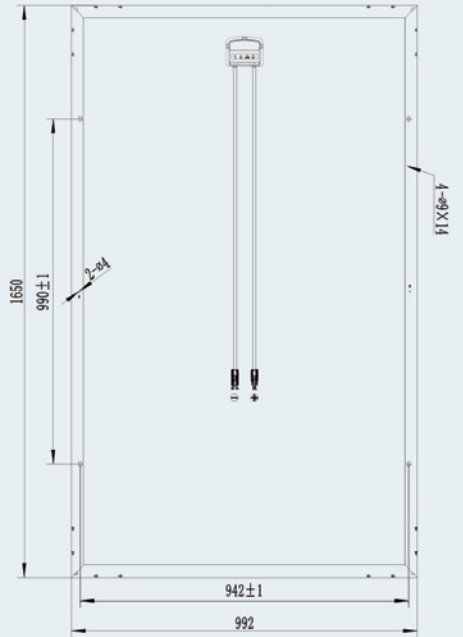
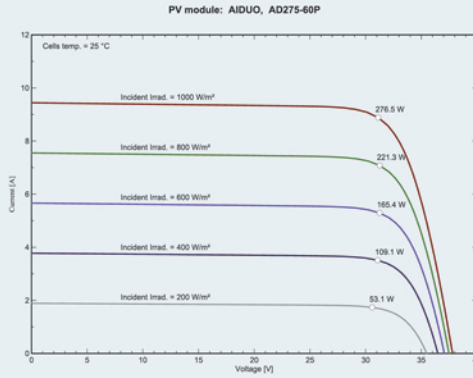
⚠ CAUTION:READ INSTALLATION MANUAL BEFORE USING THE PRODUCT

Embrace solar future



High Efficiency
Polycrystalline Solar Module

SKY-60P



Electrical Specification (STC)		AD270-60P	AD275-60P	AD280-60P	AD285-60P	AD290-60P
Max.Power	Pm[W]	270	275	280	285	290
Power Tolerance	Pm[W]	0~+5	0~+5	0~+5	0~+5	0~+5
Max.Power Voltage	V[M]	30.9	31.1	31.4	31.6	31.8
Max.Power Current	I[M]	8.73	8.84	8.92	9.02	9.12
Open Circuit Voltage	VOC[V]	38.4	38.5	38.7	38.8	38.9
Short Circuit Current	ISC[A]	9.18	9.25	9.34	9.42	9.50
Module Efficiency	[%]	16.5	16.8	17.1	17.4	17.7

STC : Irradiance 1000W/m²,Module temperature 25°C,AM=1.5

Electrical Data (NOCT)		AD270-60P	AD275-60P	AD280-60P	AD285-60P	AD290-60P
Max.Power	Pm[W]	200	204	207	211	215
Max.Power Voltage	V[M]	28.7	29.0	29.2	29.4	29.6
Max.Power Current	I[M]	6.97	7.03	7.10	7.17	7.26
Open Circuit Voltage	VOC[V]	35.5	35.6	35.8	36.0	36.2
Short Circuit Current	ISC[A]	7.41	7.47	7.55	7.63	7.71

NOCT : Irradiance 800W/m²,Ambient temperature 20°C, Wind speed 1m/s

Temperature Rating	
NOCT	44±2°C
Temp Coefficient of P _{max}	-0.41%/°C
Temp Coefficient of V _{oc}	-0.32%/°C
Temp Coefficient of I _{sc}	0.050%/°C

Maximum Rating	
Operating Temp	-40~+85°C
Max.System Voltage	1000V DC/1500V DC
Max.Series Fuse Rating	15A

Packing Configuration	
Modules per pallet	30 piece
Modules per 40' container	840 piece

Mechanical Characteristics	
Solar Cell Type	156.75x 156.75mm Poly
No. of cells	60 (6 x 10)
Dimensions	1650 x 992 x 35mm
Weight	18kg
Frame	Anodized Aluminum Alloy
Junciton Box	IP67 Rated
Cables	4mm ² , 900mm
Connectors	MC4/MC4 compatible