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72 series

Monocrystalline Solar Panel

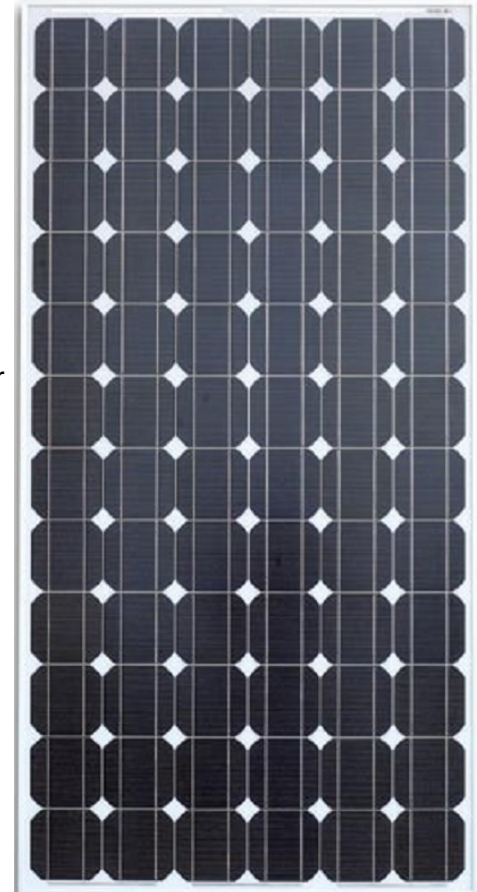
185-200 watt

Benefits

- Stable, high conversion efficiency
- High reliability with guaranteed 0 to +5w output power tolerance
- Proven materials, tempered low iron glass, strong anodized aluminium framing
- Combined attractive appearance and high efficiency

Quality and Safety

- 25 years power output guarantee
- ISO 9001:2000 certified
- IEC61215, Safety tested IEC61730, CE, MST-23 fire test (Class C)
- AS5033 Compliant and CEC listed (AU) MCS (UK)



Electrical Data

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Aquatooth SKU	AT185s5A	AT190s5A	AT200s5A
Nominal peak power(Wp)	185	190	200
Nominal voltage (Vmpp)at STC	36.2V	36.2V	36.2V
Nominal current(Imp)at STC	5.11A	5.25A	5.52A
Open circuit voltage(Voc)at STC	45.2V	45.4V	45.4V
Short circuit current(Isc)at STC	5.32A	5.44A	5.72A

Temperature Coefficients

NOCT	45+/-2°C
Voltage temperature coefficient(Voc)	-0.35%/°C
Current temperature coefficient(Isc)	+0.055%/°C
Power temperature coefficient (Pmpp)	-0.45%/°C
Minimum power tolerance (w)	0 to +5

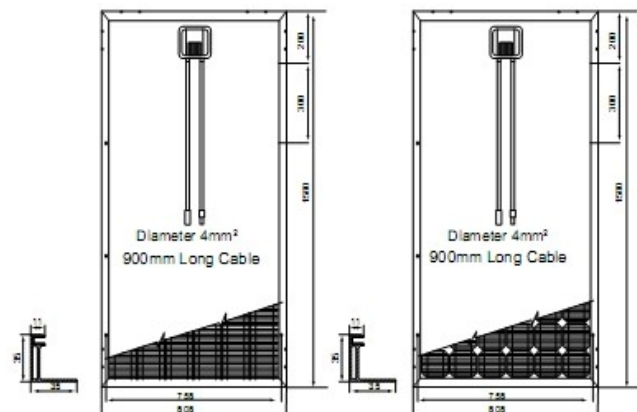
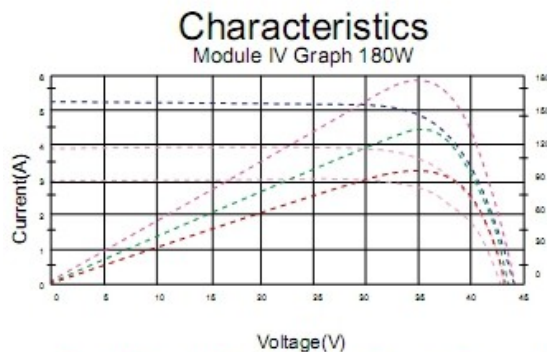
Mechanical Data

Solar cell	72 in series (12x6) monocrystalline 125x125mm
Front glass	3.2mm tempered
Junction box	IP65
Output cables	900mm length cable with MC4 compatible connectors
Frame	Anodized aluminium
Weight	15kg
Dimension	1580*808*45mm

Warranty and Certifications

Warranty	10 years workmanship, 10 years 90%, 25 years 80% power warranty
Certifications Approvals	VDE, IEC61215, IEC61730, CE MST-23 fire test (Class C) AS5033 Compliant and CEC listed (AU). MCS (UK)
Model numbers	SL180-24M xxx where xxx represents wattage output of panel
Certification holder/OEM	Jiangsu SunLink PV Technology Co Ltd

STC (Standard test condition) irradiance level of 1000W/m², 1.5 AM, cell temperature 25 Degrees Celsius



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