



POLYCRYSTALLINE SOLAR MODULE



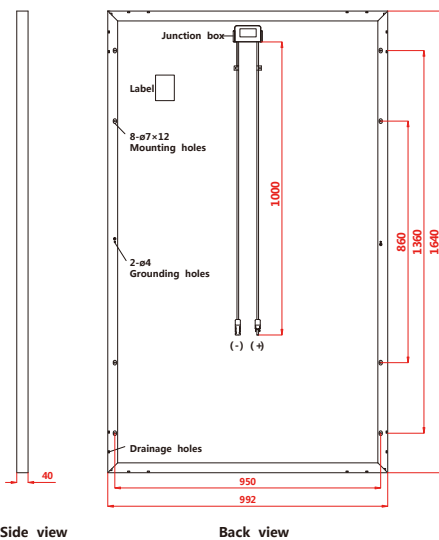
Features

- Highly efficient energy conversion.
- High strength with wind and snow loads guaranteed up to 5400 Pascal.
- All modules are tested 100% by EL (Electroluminescence) before and after lamination.
- Drainage and other designs prevent deforming and fracturing due to freezing or other forces.
- Power categorization one watt per pallet thus minimizing workload of classification at worksite.
- Positive tolerance for perfect performance.

Electrical Characteristics

STC	AD250Q6-Ab	AD255Q6-Ab	AD260Q6-Ab
Maximum Power at STC (Pmax)	250W	255W	260W
Optimum Operating Voltage (Vmp)	30.41V	30.65V	30.82V
Optimum Operating Current (Imp)	8.22A	8.31A	8.42A
Open Circuit Voltage (Voc)	37.73V	37.93V	38.15V
Short Circuit Current(Isc)	8.53A	8.62A	8.70A
Module Efficiency	15.37%	15.67%	15.98%
Operating Temperature	-40~85°C	-40~85°C	-40~85°C
Maximum System Voltage	1000V DC	1000V DC	1000V DC
Maximum Series Fuse Rating	15A	15A	15A
Power Tolerance	0W~+5W	0W~+5W	0W~+5W

STC: Irradiance of 1000W/m², spectrum AM=1.5, module temperature of 25°C



Mechanical Characteristics

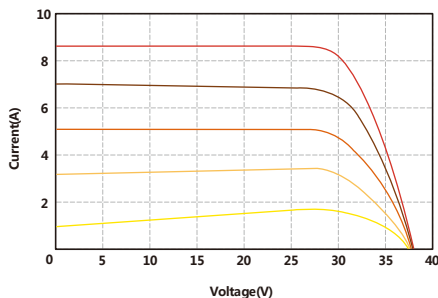
Cell Type	Polycrystalline 156×156mm(6 inches)
Number of Cells	60(6×10)
Dimensions	1640×992×40mm
Weight	18.5kg
Front Cover	Tempered glass
Frame Material	Anodized aluminium alloy
Standard Packaging (Modules per Pallet)	26pcs

Temperature Characteristics

Nominal Operating Cell Temperature	45±2°C
Temperature Coefficient of Pmax	-0.42%/°C
Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	0.06%/°C

*Specifications included in this datasheet are subject to change without further notification.

Current-Voltage & Power- Voltage Curve (AD260Q6-Ab)



STC IV Data 800W/m² IV Data 600W/m² IV Data 400W/m² IV Data 200W/m² IV Data