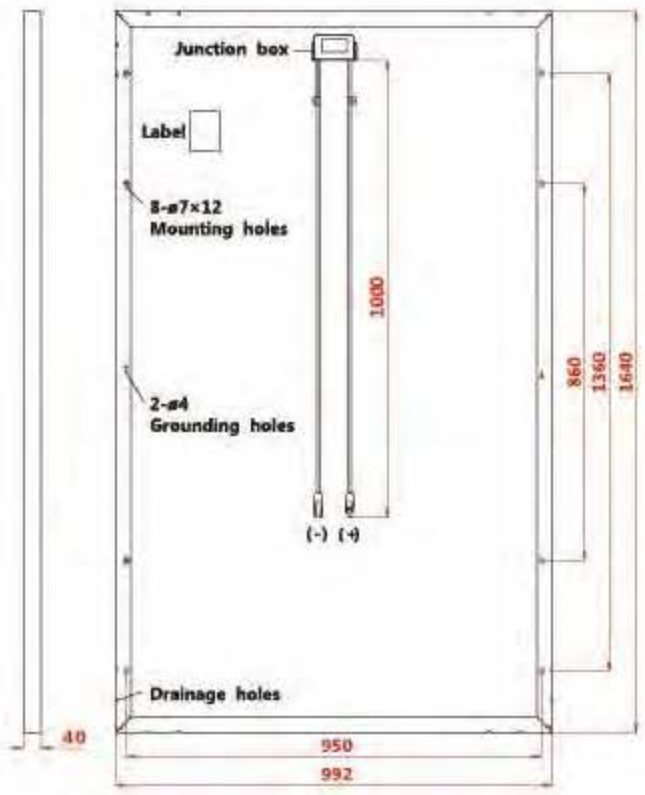
AD 250/255/260/265/270P6-Ab

The mildest energy

POLYCRYSTALLINE SOLAR MODULE

Features

- High conversion efficiency of poly modules-up to 16.60%.
- Maximize Limited Space-60 cells modules power output up to 270W, more solar modules can be installed on limited space.
- Outstanding mechanical load resistance-Certified to withstand high wind load 2400Pa and snow loads 5400Pa.
- Good performance under harsh environmental conditions such as the cold and hot (-40°C to 85°C), salt mist, ammonia and known PID risk factors.
- Anti PID- The first one passed TUV SUD PID test.
- Attractive and stylish appearance; combine perfectly with roof.
- Class-leading warranty-10 years products warranty and 30 years performance warranty.



Electrical Characteristics

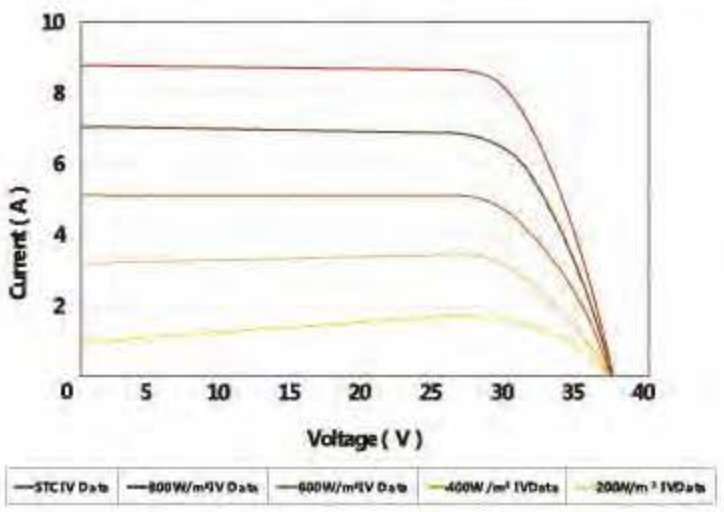
STC	AD250P6-Ab	AD255P6-Ab	AD260P6-Ab	AD265P6-Ab	AD270P6-Ab
Maximum Power at STC (Pmax)	250W	255W	260W	265W	270W
Optimum Operating Voltage (Vmp)	30.67V	30.94V	31.21V	31.48V	31.75V
Optimum Operating Current (Imp)	8.15A	8.24A	8.33A	8.42A	8.51A
Open Circuit Voltage (Voc)	37.88V	38.20V	38.52V	38.84V	39.16V
Short Circuit Current(Isc)	8.71A	8.78A	8.85A	8.92A	8.99A
Module Efficiency	15.37%	15.67%	15.98%	16.29%	16.60%
Operating Temperature	-40~85℃	-40~85℃	-40~85℃	-40~85℃	-40~85℃
Maximum System Voltage	1000V DC	1000V DC	1000V DC	1000V DC	1000V DC
Maximum Series Fuse Rating	15A	15A	15A	15A	15A
Power Tolerance	0W~+5W	0W~+5W	0W~+5W	0W~+5W	0W~+5W

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

Mechanical Characteristics

Cell Type	Polycrystalline156×156mm(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

Current-Voltage & Power-VoltageCurve (AD260P6-Ab)



Temperature Characteristics

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

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