



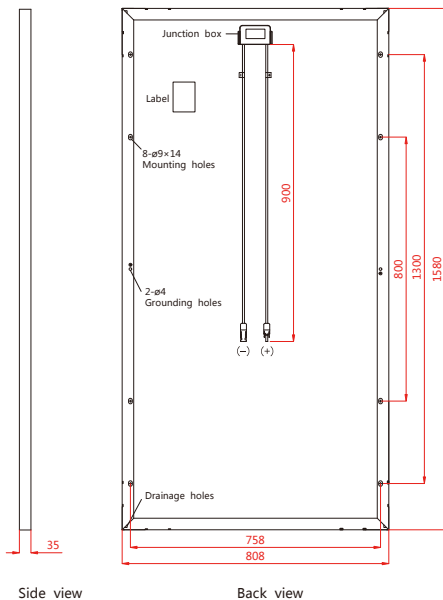
Features

- 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.

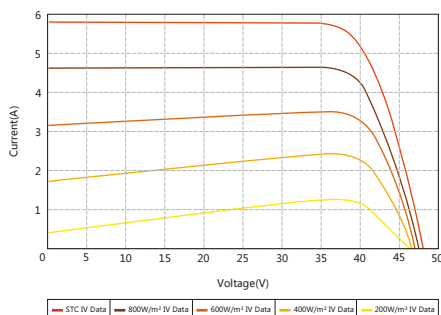
Electrical Characteristics

STC	AD195M5-Aa	AD200M5-Aa	AD205M5-Aa
Maximum Power at STC (Pmax)	195W	200W	205W
Optimum Operating Voltage (Vmp)	37.10V	37.42V	37.80V
Optimum Operating Current (Imp)	5.26A	5.34A	5.43A
Open Circuit Voltage (Voc)	45.22V	45.45V	45.72V
Short Circuit Current(Isc)	5.62A	5.72A	5.75A
Module Efficiency	15.27%	15.67%	16.06%
Operating Temperature	-40~85°C	-40~85°C	-40~85°C
Maximum System Voltage	1000V DC	1000V DC	1000V DC
Maximum Series Fuse Rating	10A	10A	10A
Power Tolerance	0W~+5W	0W~+5W	0W~+5W

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



Current-Voltage & Power-Voltage Curve (AD205M5-Aa)



Mechanical Characteristics

Cell Type	Monocrystalline 125×125mm(5 inches)
Number of Cells	72(6×12)
Dimensions	1580×808×35/50mm
Weight	15/16kg
Front Cover	Tempered glass
Frame Material	Anodized aluminium alloy
Standard Packaging (Modules per Pallet)	32/24pcs

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.