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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

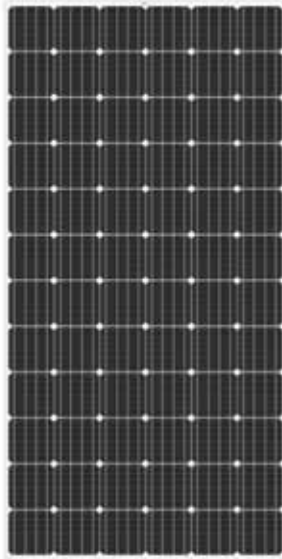
**Aide Solar Energy Technology Co., Ltd.**

**AD320-335M4-Aa**

**AD330M4-Aa**

Also available on the web at

[EnergyPal.com/aide-solar-energy-technology-co-ltd-solar-panels/ad330m4-aa](http://EnergyPal.com/aide-solar-energy-technology-co-ltd-solar-panels/ad330m4-aa)



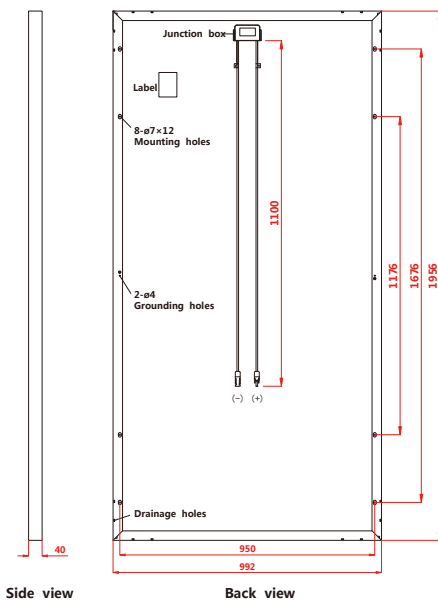
#### Features

- 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.

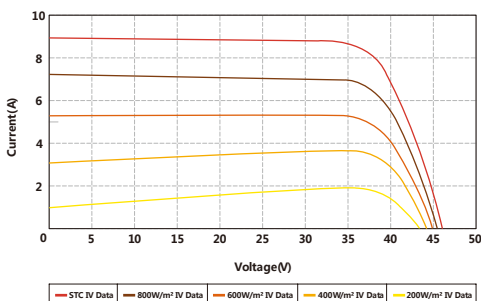
#### Electrical Characteristics

STC	AD320M4-Aa	AD325M4-Aa	AD330M4-Aa	AD335M4-Aa
Maximum Power at STC (Pmax)	320W	325W	330W	335W
Optimum Operating Voltage (Vmp)	37.93V	38.20V	38.51V	38.92V
Optimum Operating Current (Imp)	8.44A	8.51A	8.57A	8.64A
Open Circuit Voltage (Voc)	46.28V	46.51V	46.65V	46.81V
Short Circuit Current(Isc)	8.99A	9.07A	9.12A	9.22A
Module Efficiency	16.49%	16.75%	17.01%	17.26%
Operating Temperature	-40~85°C	-40~85°C	-40~85°C	-40~85°C
Maximum System Voltage	1000V DC	1000V DC	1000V DC	1000V DC
Maximum Series Fuse Rating	15A	15A	15A	15A
Power Tolerance	0W~+5W	0W~+5W	0W~+5W	0W~+5W

STC: Irradiance of 1000W/m<sup>2</sup>, spectrum AM=1.5, module temperature of 25°C



Current-Voltage & Power- Voltage Curve(AD320M4-Aa)



#### Mechanical Characteristics

Cell Type	Monocrystalline 156×156mm(6 inches)
Number of Cells	72(6×12)
Dimensions	1956×992×40mm
Weight	22kg
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.