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Solar Panel Guide Specification Data Sheet

ACOPower

PE200-72M

PE200-72M

Also available on the web at
EnergyPal.com/acopower-solar-panels/pe200-72m

Features

- High conversion efficiency
- Low power tolerance of 0~+3%
- Low degradation under light exposure
- Can withstand high wind-pressure snow load and extreme temperature
- Passing IEC 61215 2400Pa mechanical load test

Quality and Safety

- 10-year warranty on product materials and processing technology
- Power output warranty:10 years:90%,25 years:80%
- ISO 9001:2008(Quality Management System) certified factory
- IEC61215,IEC61730 ,MCS CEC certified products
- TUV,CE conformity



Applications

- On-grid residential roof-tops
- On-grid commercial/industrial roof-tops
- Solar power plants
- Off-grid system
- Other on-grid applications



Model Type	PE200-72M
Peak Power(Pmax)	200.00
Maximum Power Voltage(Vmp)	38.71
Maximum Power Current(Imp)	5.17
Open Circuit Voltage(Voc)	45.20
Short Circuit Current(Isc)	5.53
Cells Efficiency(%)	18.48
Module Efficiency(%)	15.67
Maximum System Voltage(V)	1000
Maximum Series Fuse Rating(A)	15
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.450%
Voc Temperature Coefficients(V/°C)	-0.350%
Isc Temperature Coefficients(A/°C)	+0.040%
NOCT Nominal Operating Cell Temperature(°C)	47±2
Operating and Storage Temperature(°C)	-40~+85
Standard Test Condition(STC)	1.000W/m ² ;AM 1.5;25+/-2°C

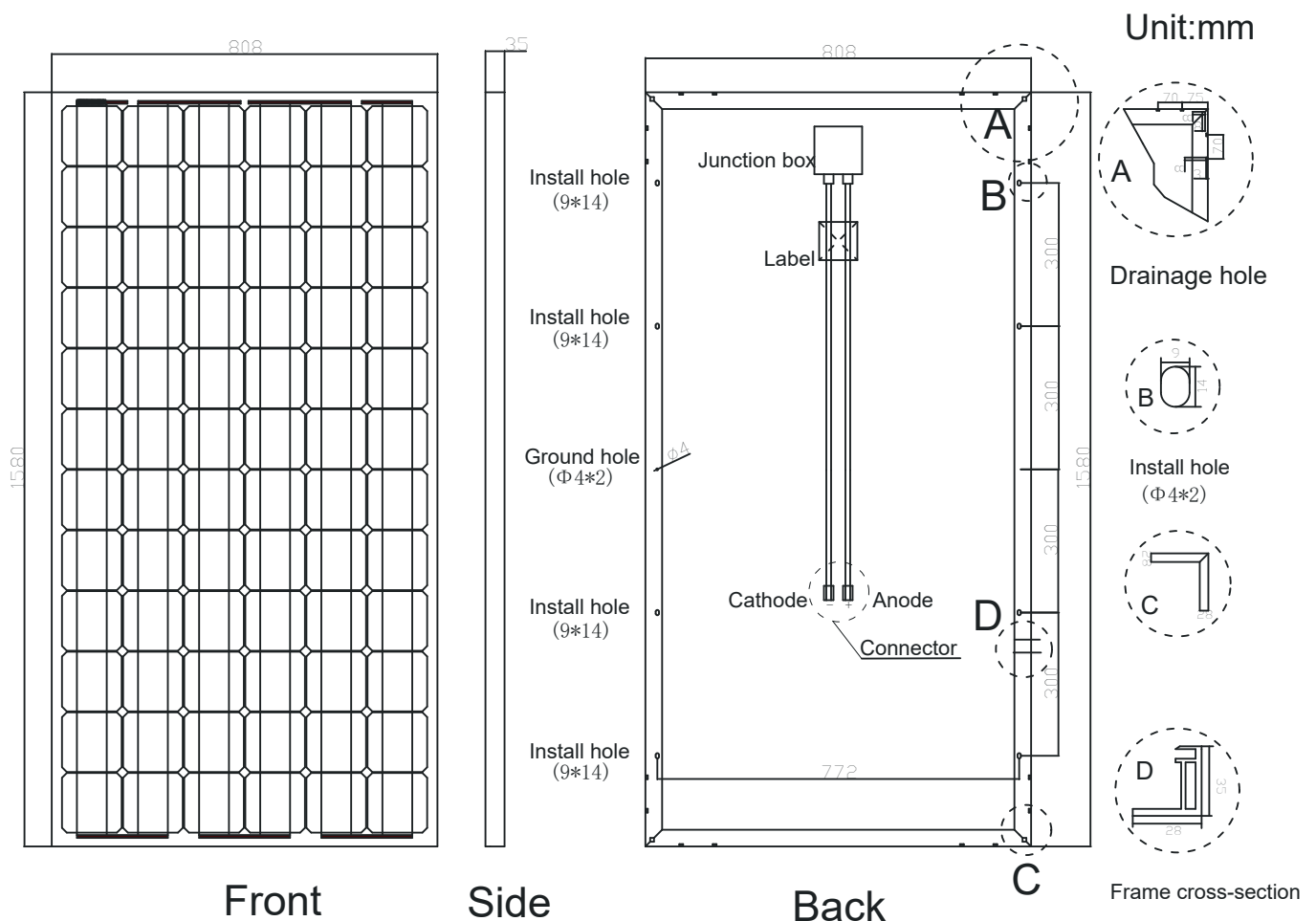
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Mechanical characteristics & Packaging

Cell Type	Mono-crystalline 125×125mm
No. of Cells	72(6×12)
Dimensions	1580×808×35mm (62.2x31.8x1.38inches)
Weight	15.00kgs (33.1lbs)
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65 Rated
Output cables	4.0mm ² Length 90cm, MC4 connector

Dimensions

200W Mono Solar Panel (1580*808*35)


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