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# **EnergyPal**

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

**Zhejiang Isola New Energy Co.,Ltd**

**YH275W-30M**

**YH275W-30M**

Also available on the web at

[EnergyPal.com/zhejiang-isola-new-energy-co-ltd-solar-panels/yh275w-30m](http://EnergyPal.com/zhejiang-isola-new-energy-co-ltd-solar-panels/yh275w-30m)

## 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

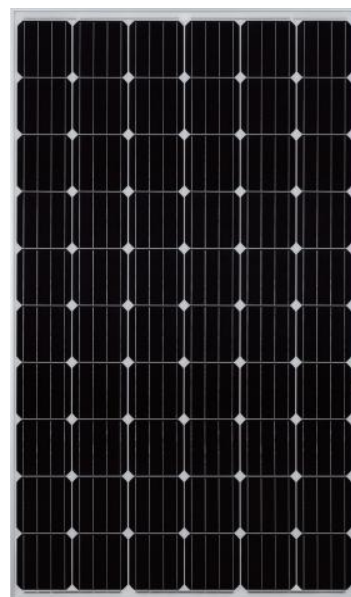
## Quality and Safety

- 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

## Specifications



Model Type	YH275W-30-M
Peak Power(Pmax)	275.00
Maximum Power Voltage(Vmp)	30.79
Maximum Power Current(Imp)	8.94
Open Circuit Voltage(Voc)	36.95
Short Circuit Current(Isc)	9.48
Cells Efficiency(%)	19.42
Module Efficiency(%)	16.90
Maximum System Voltage(V)	1000
Maximum Series Fuse Rating(A)	15
Power Tolerance	0~+3%
Pmax Temperature Coefficients(W/°C)	-0.470%
Voc Temperature Coefficients(V/°C)	-0.380%
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/m²;AM 1.5;25+/-2°C

## Mechanical characteristics & Packaging

Cell Type	Mono-crystalline 156×156mm
No. of Cells	60(6×10)
Dimensions	1640×992×40mm
Weight	18.60kgs
Front Glass	3.2mm high transmission,low iron,tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65 Rated
Output cables	4mm² Length 90cm, MC4 connector
1x20'	14pallets/358pcs

## Dimensions

