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# **EnergyPal**

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

**Wattrom  
WT 260M17  
WT 260M17**

Also available on the web at  
[EnergyPal.com/wattrom-solar-panels/wt-260m17](http://EnergyPal.com/wattrom-solar-panels/wt-260m17)

# Monocrystalline photovoltaic panel WT 260M17



**WATTROM**  
BE FOTOVOLTAIC

## WT 260M17

is a robust solar panel, with 60 solar cells. The module can be used for on/off-grid solar applications.

## QUALITY CONTROL

rigorous realised along whole technological flow guarantees that Wattrom solar panels ensure the highest quality standards possible.

## METICULOUS DESIGN

and the newest production technology ensure a high-yield and long-term performance for every module produced.

## QUALITY CERTIFICATE

ISO 9001:2008    ISO 14001:2004    TUV InterCert Saar



# Model WT 260M17

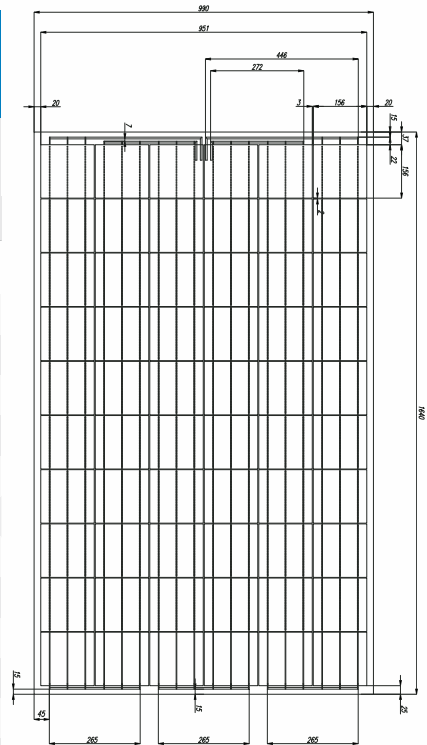


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## Electrical Characteristics

Rated Power at STC ( $P_{max}$ )	Maximum Power Voltage ( $V_{mp}$ )	Maximum Power Current ( $I_{mp}$ )	Open Circuit Voltage ( $V_{oc}$ )	Short Circuit Current ( $I_{sc}$ )	Encapsulated Cell Efficiency ( $\eta_c$ %)	Module Efficiency (%)	Power Tolerance (%)
264.99W	32.46V	8.56A	38.46V	9.11A	19.10%	16.6%	+0...5W

Standard Test Conditions: AM=1.5, Irradiance 1000 W/m<sup>2</sup>, Module temperature 25°C



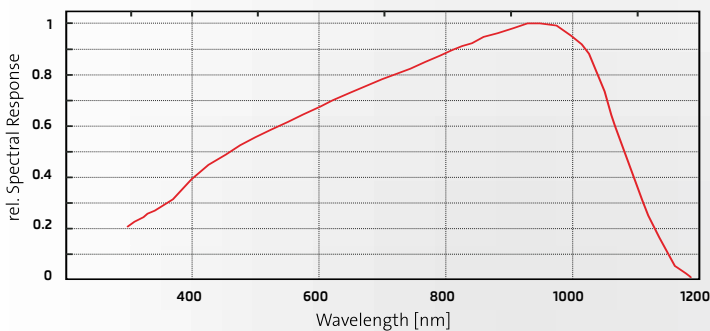
## Mechanical Characteristics

Solar Cells	Monocrystalline 156mm x 156mm (6 Inches)
In series cells	60 pcs
External dimensions	1657mm x 998mm x 38mm
Weight	18.1kg
Protective Glass	3.2mm, tempered glass, low iron, prismatic design
Frame	Anodized aluminium alloy
Junction Box	Tyco Solarlok Z - Rail, Slim: 115mm x110mm x23mm
Ingress Protection	IP65
Output Cables	4.0mm <sup>2</sup> , symmetrical lengths, 1000mm
Connector	MC4 Compatible
Maximum wind load	200km/h
Maximum snow load	550kg/m <sup>2</sup>
Hailstone impact test	80km/h for 25mm ice ball
Product warranty	10 years
Power warranty	over 90% in the first 12 years; over 80% till 25 years

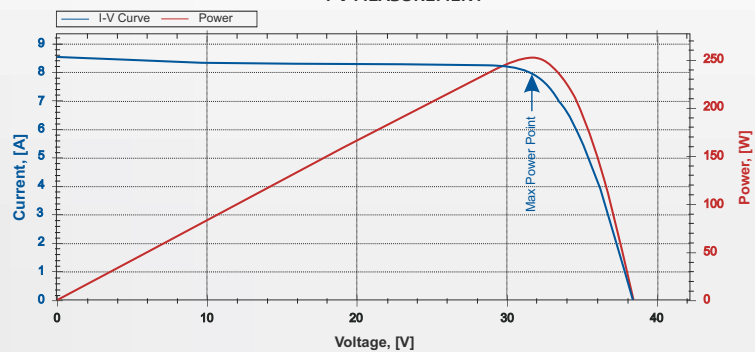
## Temperature Characteristics

NOCT (Nominal Operating Cell Temperature)	Current Temperature Coefficient (%/K)	Voltage Temperature Coefficient (%/K)	Power Temperature Coefficient (%/K)
45 +/- 2°C	0.05	-0.34	-0.43

SPECTRAL RESPONSE



I-V MEASUREMENT



## Operating Parameters

Operating Temperature	from -40 to 85°C
Deposit Temperature	from -40 to 85°C
Maximum System Voltage	1000VDC(IEC)
Maximum Series Fuse Rating	20A

## Packing Configuration

Modules/Pallet	26 pcs
Maximum Pallets / Container (40`GP)	28 pcs
Maximum Modules / Container (40`GP)	728 pcs

\* Pallet dimensions: 1000 x 1700mm  
\* Pallet height: 1200mm  
\* Pallet weight: 485kg