

# AUO

BenQ Group

## SunVivo

### PM072MW0

Mono-Crystalline Photovoltaic Module



350W  
360W

Power Range  
350 ~ 360 Wp



Highly Strengthened Design  
Module complies with advanced loading tests  
to meet 3600 Pa loading requirements



Flammability Test  
Low ignitability ensuring fire safety



Anti-Reflection Coated Glass  
Anti-reflective surface enhances the power  
performance



# SunVivo PM072MW0 (350 ~ 360 W<sub>p</sub>)

## Electrical Data

Typ. Nominal Power P <sub>N</sub>	350W	355W	360W
Typ. Module Efficiency	18.0%	18.3%	18.6%
Typ. Nominal Voltage V <sub>mp</sub> (V)	38.48	38.55	38.63
Typ. Nominal Current I <sub>mp</sub> (A)	9.10	9.21	9.32
Typ. Open Circuit Voltage V <sub>oc</sub> (V)	47.37	47.47	47.56
Typ. Short Circuit Current I <sub>sc</sub> (A)	9.81	9.90	9.99
Maximum Tolerance of P <sub>N</sub>	0 / +3%		

• Above data are the effective measurement at Standard Test Conditions (STC)  
 • STC: irradiance 1000 W/m<sup>2</sup>, spectral distribution AM 1.5, temperature 25 ± 2 °C, in accordance with EN 60904-3

## Temperature Coefficient

NOCT	50 °C
Typ. Temperature Coefficient of P <sub>N</sub>	-0.43% / K
Typ. Temperature Coefficient of V <sub>oc</sub>	-0.32% / K
Temperature Coefficient of I <sub>sc</sub>	0.04% / K

• NOCT: Normal Operation Cell Temperature, measuring conditions: irradiance 800 W/m<sup>2</sup>, AM 1.5, air temperature 20 °C, wind speed 1 m/s

## Mechanical Characteristics

Dimensions (L x W x H)	1956 x 992 x 40 mm (77.00 x 39.05 x 1.57 in)
Weight	24.0 kg (52.91 lbs)
Front Glass	High transparent solar glass (tempered), 3.2 mm (0.13 in)
Cell	72 multicrystalline solar cells
Back Sheet	Composite film
Frame	Anodized aluminum frame
Junction Box	IP-67 rated with 3 bypass diodes
Connector Type & Cables	MC4 Compatible: 1 x 4 mm <sup>2</sup> , Length: each 1.2 m (47.24 in)

## Operating Conditions

Operating Temperature	-40 ~ +85 °C
Ambient Temperature Range	-40 ~ +45 °C
Max. System Voltage U <sub>L</sub>	1000V
Serial Fuse Rating	15A
Maximum Surface Load Capacity	Tested up to 3600 Pa according to UL1703

## Warranties and Certifications

Product Warranty	Maximum 10 years for material and workmanship
Performance Guarantee	Guaranteed linear degradation to 80% for 25 years *1
Certifications	According to UL 1703 guidelines *2

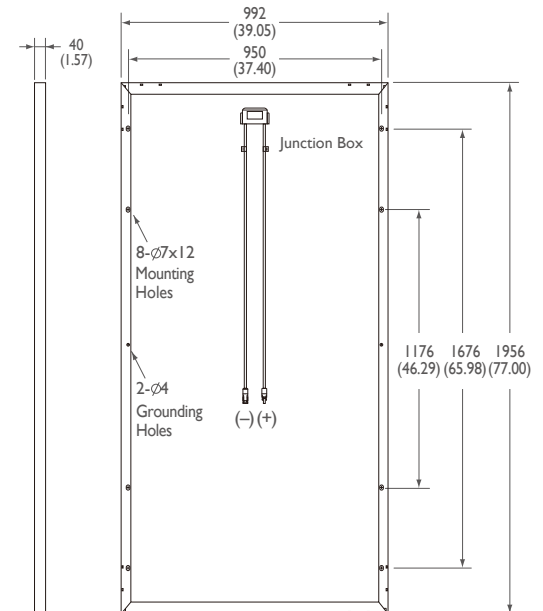
\*1: Please refer to warranty letter for detail

\*2: Please confirm other certifications with official dealers

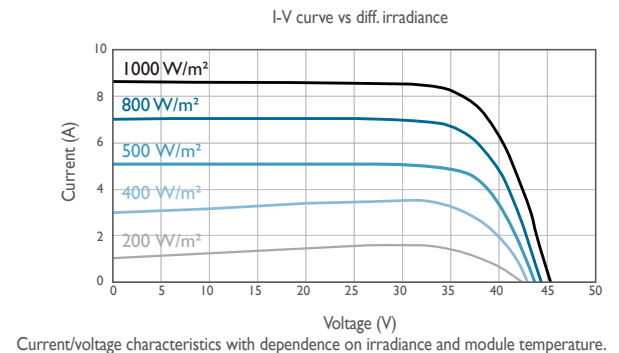
## Packing Configuration

Container	45' Truck	48' Truck	53' Truck
Pieces per Pallet	26	26	26
Pallets per Truck	24	28	30
Pieces per Truck	624	728	780

## Dimensions mm (inch)



## I-V Curve



### About AU Optronics

AU Optronics (AUO) is a leading global manufacturer of TFT-LCD committed to providing green solutions to its worldwide customers in a manner that is sustainable and friendly to the environment. In addition to its strengths in product and technological innovation, AUO stresses its commitment to going green and to utilizing manufacturing excellence to develop high efficiency solar solutions for residential, commercial, and utility segments.



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