

**For a Free Quote:**

**Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)**

**Call: 1-800-990-3725**

**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

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

**Phono Solar Technology Co., Ltd.  
MWT Mono/345-360  
PS350M-24/TM**

Also available on the web at  
[EnergyPal.com/phono-solar-technology-co-ltd-solar-panels/ps350m-24-tm](http://EnergyPal.com/phono-solar-technology-co-ltd-solar-panels/ps350m-24-tm)

# Phono<sup>®</sup> Solar

## MWT Module

Mono/345-360W

**20W**

### Higher Efficiency

20W+ higher rated power more than common module

**3%**

### Higher Generation

3% higher power generation on the same installation

**\$**

### Lower Cost

BOS cost can be reduced by 1.2-1.5 USD cent/w

**◆**

### Better reliability and Stability

Lower degradation and higher generating capacity ensure better module reliability

**+**

### Wider Technical Compatibility

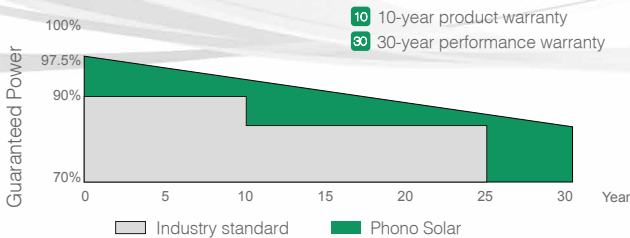
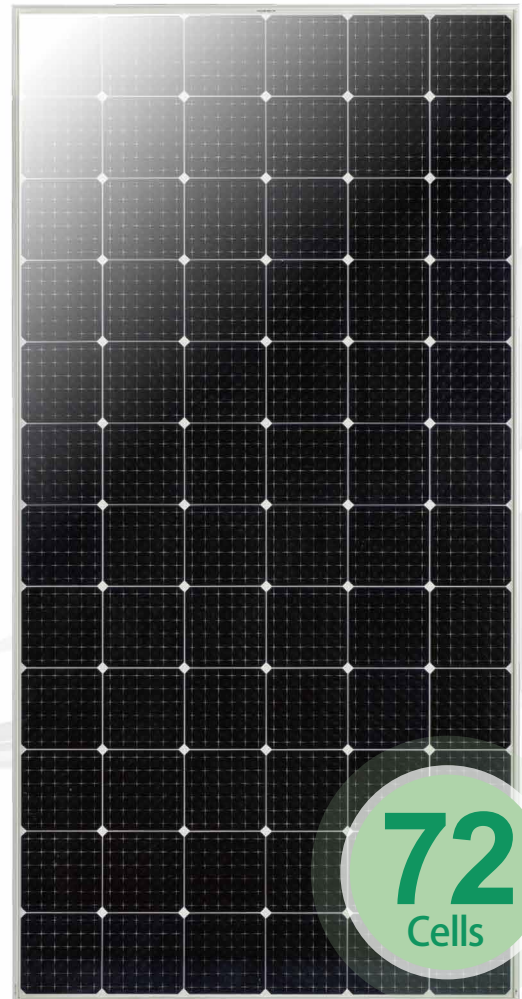
MWT can be combined with most existing manufacturing process and technologies

Bloomberg  
NEW ENERGY FINANCE

**Tier1**



**TOP  
PERFORMER**



EN-20180516

## ELECTRICAL TYPICAL VALUES

Model	PS345M-24/TM	PS350M-24/TM	PS355M-24/TM	PS360M-24/TM
Type	Monocrystalline 6 inch x 6 inch square, 6 × 12 pieces in series			
Rated Power (Pmpp)	345W	350W	355W	360W
Tolerance	0~+5w			
Rated Current (Impp)	9.08	9.19	9.30	9.41
Rated Voltage (Vmpp)	38.00	38.10	38.20	38.30
Short Circuit Current (Isc)	9.64	9.72	9.79	9.87
Open Circuit Voltage (Voc)	46.00	46.20	46.40	46.60
Module Efficiency (%)	17.78	18.04	18.30	18.55
NOCT (Nominal Operation Cell Temperature)	43.±2°C			
Voltage Temperature Coefficient	-0.29%/°C			
Current Temperature Coefficient	+0.05%/°C			
Power Temperature Coefficient	-0.39%/°C			

## MECHANICAL CHARACTERISTICS

Length	1956mm (77.01 inch)
Dimension (L x W x H)	Width: 992mm (39.06 inch)
	Height: 40mm (1.57 inch)
Weight	22.5kg (49.60 lb)
Front Glass	3.2mm toughened glass
Frame	Anodized aluminium alloy
Cable	4mm <sup>2</sup> (IEC) / 12AWG (UL), 1100mm
Junction Box	IP 67 rated

## ABSOLUTE MAXIMUM RATING

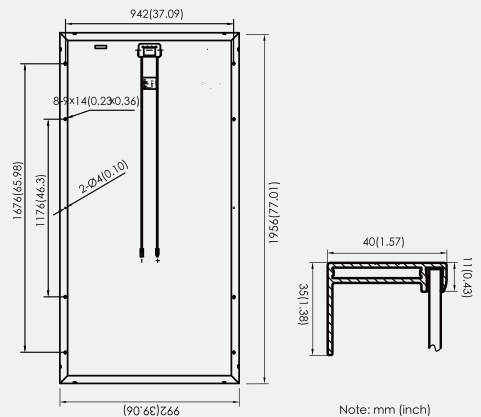
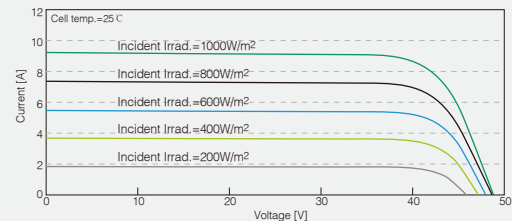
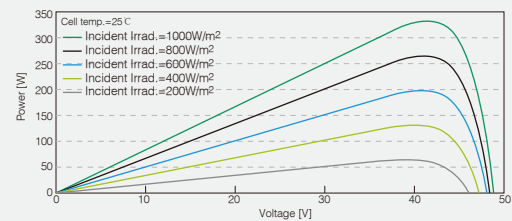
Parameter	Values
Operating Temperature	From -40 to +85°C
Hail Diameter @ 80km/h	Up to 25mm
Surface Maximum Load Capacity	Up to 5400Pa
Maximum Series Fuse Rating	15A
IEC Application Class (IEC61730)	A
Fire Rating (IEC61730)	C
Module Fire Performance (UL 1703)	Type 1
Maximum System Voltage	DC 1000V (IEC)

## PACKING CONFIGURATION

Container	20' GP	40' HQ
Pieces/Container	220	624

1. In compliance with our warranty terms and conditions.
  2. Measurement conditions under irradiance level of Standard Test Conditions(STC): 1000W/m
- Air mass 1.5 Spectrum, cell temperature of 25°C.

## ELECTRICAL CHARACTERISTICS



**Phono<sup>®</sup> Solar**

**Note:** This datasheet is not legally binding. Phono Solar Technology Co., Ltd. reserves the right to adjust specifications without notice. Further information please refer to our [Website:www.phonosolar.com](http://www.phonosolar.com), [E-mail:info@phonosolar.com](mailto:info@phonosolar.com)