



## Allblack Solar PV Module HON-M60B Premium

Honeywell Solar provides you modules with superior durability and best performance. Applicable for all purposes: from residential and commercial up to large power plants. Suitable for all types of environment.

Leading production technology and seamless monitoring of the production process and materials ensures durability of the Honeywell Solar module. We will give you the best returns on your investment.

**Honeywell**

[www.honeywell-solar.com](http://www.honeywell-solar.com)



## ELECTRICAL CHARACTERISTICS

Maximum power (P <sub>mpp</sub> )	260	265	270	275
Open circuit voltage (V <sub>oc</sub> )	38.1	38.2	38.3	38.5
Maximum power voltage (V <sub>mpp</sub> )	30.6	30.8	31.0	31.2
Short circuit current (I <sub>sc</sub> )	9.03	9.11	9.19	9.22
Maximum power current (I <sub>mp</sub> )	8.51	8.61	8.70	8.81
Module efficiency (%)	16.0	16.3	16.6	16.9
Power tolerance (W)	0 / +5			
Operating temperature	-40°C to +85°C			
Maximum system voltage	1000V			
Maximum series fuse rating	15A			

Measurements under Standard Test Conditions (STC) irradiance 1000W/m<sup>2</sup>, AM1.5G spectrum and Cell Temperature 25°C

## MECHANICAL CHARACTERISTICS

Cell type	Mono-crystalline, 156.75 mm x 156.75 mm
Cell configuration	60 high efficient 5 Busbar cells
Module dimension	1640 x 992 x 35 mm
Module weight	18.2 kg
Glass	3.2 mm, low iron tempered solar glass
Frame	Anodized aluminium alloy Type 6063 T5 black
Junction box	IP67 (3 bypass diodes) 1000V, IEC & UL certified
Cable	4.0 mm <sup>2</sup> / 12 AWG, 1000 mm, IP67 EL
Connectors	MC4 compatible

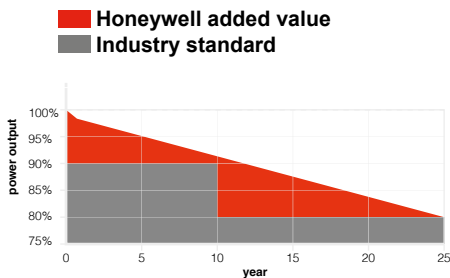
## THERMAL CHARACTERISTICS

Nominal operating temperature (NOCT)	45 ± 2°C
Temperature coefficient of I <sub>sc</sub>	+0.06 %/°C
Temperature coefficient of V <sub>oc</sub>	-0.34 %/°C
Temperature coefficient P <sub>max</sub>	-0.41 %/°C

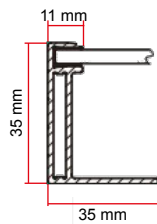
## PACKAGING INSTRUCTIONS

Number of modules per box / pallet	30
Number of modules / 40' container	28

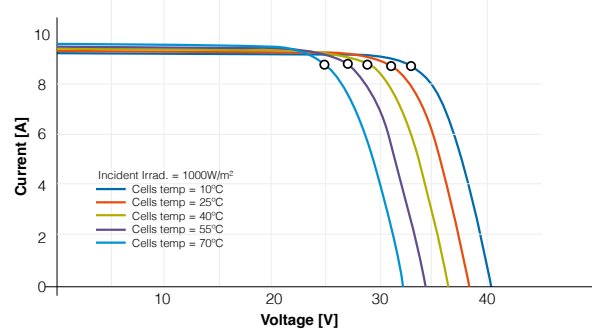
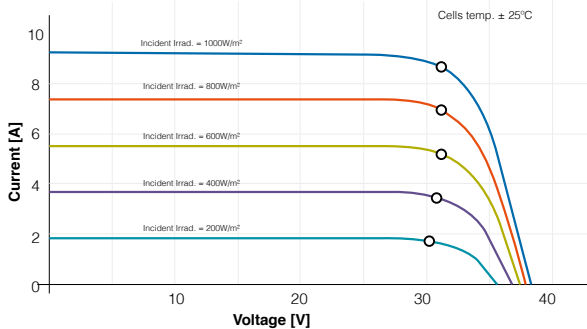
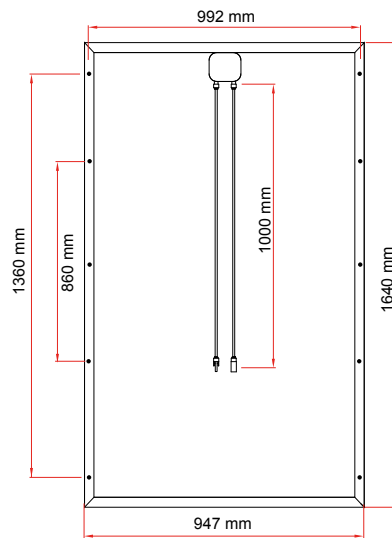
## LINEAR PERFORMANCE WARRANTY



Frame dimensions (unit: mm)



Module dimensions (unit: mm)



Best performance at low irradiance, +97% relative module efficiency from an irradiance of 1000W/m<sup>2</sup> to 200W/m<sup>2</sup>

## WARRANTY

**20** years Product warranty

**25** years Linear power output

## PRODUCT OVERVIEW

- PID resistant**
- Excellent module efficiency**
- Positive power tolerance**
- 100% electroluminescence**
- Salt spray resistant**  
for maritime environment
- Ammonia resistant**  
for agricultural environment
- IP67 junction box**  
for long time endurance
- Light weight**  
easy to install
- Excellent low-light response**
- Snow load**  
5400 pa
- Wind load**  
2400 pa

IEC 61215  
IEC 61730  
IEC 61701  
IEC 62716  
IEC 62804

ISO 9001:2008  
ISO 14001:2007  
OHSAS 18001:2007

## DISCLAIMER:

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