



Solar PV Module HON-M72B

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

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ELECTRICAL CHARACTERISTICS

| | | | |
|---|------------------------------|-------|-------|
| Maximum Power (P _{mpp}) | 335 | 340 | 345 |
| Open Circuit Voltage (V _{oc}) | 47.30 | 47.50 | 47.70 |
| Maximum Power Voltage (V _{mpp}) | 38.09 | 38.29 | 38.50 |
| Short Circuit Current (I _{sc}) | 9.09 | 9.16 | 9.23 |
| Maximum Power Current (I _{mp}) | 8.80 | 8.89 | 8.98 |
| Module Efficiency (%) | 17.26 | 17.52 | 17.78 |
| Power Tolerance (W) | 0 / +5 | | |
| Operating Temperature | -40°C to +85°C | | |
| Maximum System Voltage | 1000V / optional 1500V (ELT) | | |
| Maximum Series Fuse Rating | 15A | | |

Measurements under Standard Test Conditions (STC) irradiance 1000W/m², AM1.5G spectrum and cell temperature 25°C

MECHANICAL CHARACTERISTICS

| | |
|------------------|--|
| Cell Type | 72 Mono-crystalline cells, 156.75mm x 156.75mm |
| Module Dimension | 1956 x 992 x 40 mm |
| Module Weight | 22.5 kg |
| Glass | 3.2 mm, low iron tempered solar glass |
| Frame | Anodized aluminium alloy Type 6063 T5 black |
| Junction Box | IP68, IEC certified |
| Cable | 4,0 mm ² / 12 AWG, 1100 mm |
| Connectors | MC4 compatible |

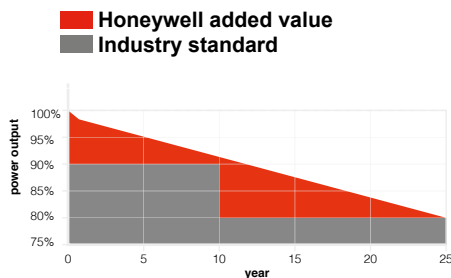
THERMAL CHARACTERISTICS

| | |
|--|------------|
| Nominal Operating Temperature (NOCT) | 45 ± 2°C |
| Temperature Coefficient of I _{sc} | +0.07 %/°C |
| Temperature Coefficient of V _{oc} | -0.35 %/°C |
| Temperature Coefficient P _{max} | -0.45 %/°C |

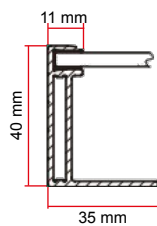
PACKAGING INSTRUCTIONS

| | |
|------------------------------------|-----|
| Number of modules per box / pallet | 26 |
| Number of modules / 40' container | 624 |

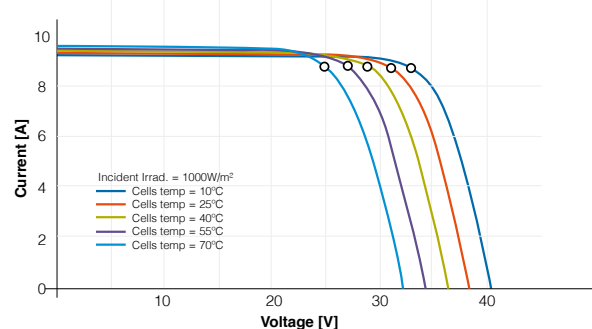
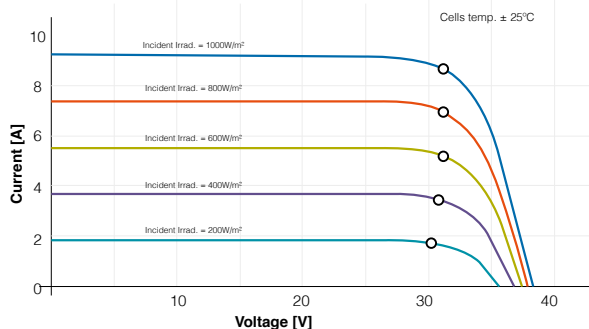
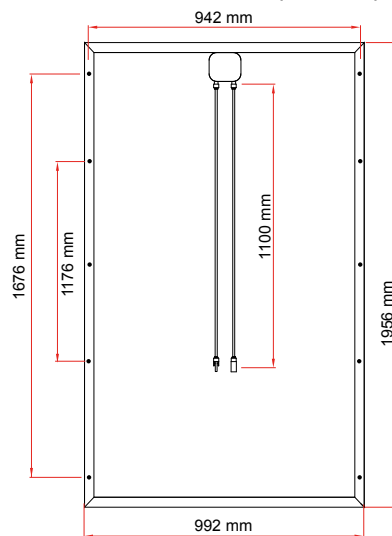
LINEAR PERFORMANCE WARRANTY



Frame dimensions (unit: mm)



Module dimensions (unit: mm)



Best performance at low irradiance, +97% relative module efficiency from an irradiance of 1000W/m² to 200W/m²

DISCLAIMER:

Honeywell Solar Modules reserve the right to make any adjustments to the information described in this datasheet. Specifications do not refer to a single model, and are subject to change without prior notice due to continuous improvement, research and product development.

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WARRANTY

12 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
- IP68 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

