



Solar Photovoltaic module HON-P72W Premium

Honeywell Solar provides you a photovoltaic module with superior durability and best performance. Applicable for most purposes: from residential, commercial up to large power plants and it suits most types of environments.

Leading production technology and seamless monitoring of the production process and materials, ensures the durability of the Honeywell Solar module and together with 20 years product warranty, it will give you the best returns on your investment.

www.honeywell-solar.com



ELECTRICAL CHARACTERISTICS

Maximum Power at STC (Pmpp)	300	305	310	315	320	325
Open Circuit Voltage (Voc)	45.02	45.22	45.40	45.60	45.80	46.00
Maximum Power Voltage (Vmp)	35.89	36.22	36.69	36.97	37.25	37.53
Short Circuit Current (Isc)	8.91	8.95	8.99	9.04	9.09	9.15
Maximum Power Current (Imp)	8.36	8.42	8.45	8.52	8.59	8.66
Module Efficiency (%)	15.5	15.7	16.0	16.0	16.5	16.7

Power Tolerance (W)	0 / +3%
Operating Temperature	-40°C to +85°C
Maximum System Voltage	1000V
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	Poly-crystalline, 156.75x156.75mm
Cell configuration	72 high efficient 5 busbar cells
Module Dimension	1956 x 992 x 40 mm
Module Weight	21.5 kg
Glass	3.2 mm, low iron tempered Solar Glass
Frame	Anodized Aluminium alloy Type 6063 T5
Junction box	IP67 (3 bypass diodes) 1000V, IEC & UL certified
Cable	4.0 mm ² / 12 AWG, 1000mm, IP67
Connectors	MC4 compatible

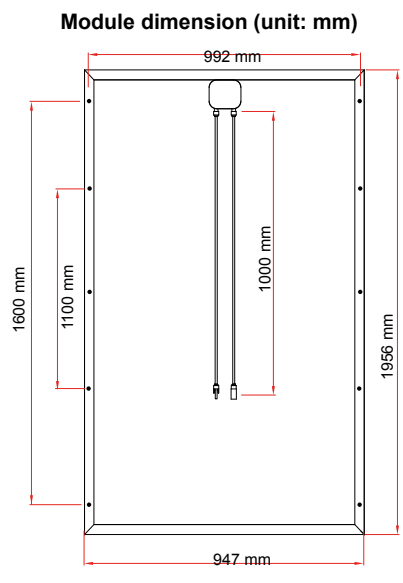
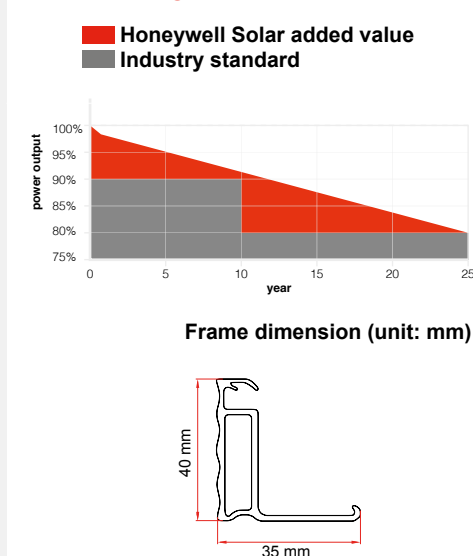
THERMAL CHARACTERISTICS

Nominal Operating Temperature NOCT	45 ± 2°C
Temperature Coefficient of Isc	+0.049 %/°C
Temperature Coefficient of Voc	-0.309 %/°C
Temperature Coefficient Pmax	-0.416 %/°C

PACKAGING INSTRUCTIONS

Number of Modules Per Box / Pallet	27
Number of Pallets / 40' Container	22

LINEAR PERFORMANCE WARRANTY



WARRANTY

20 years Product warranty

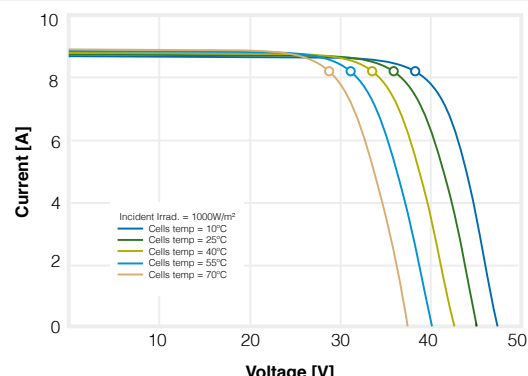
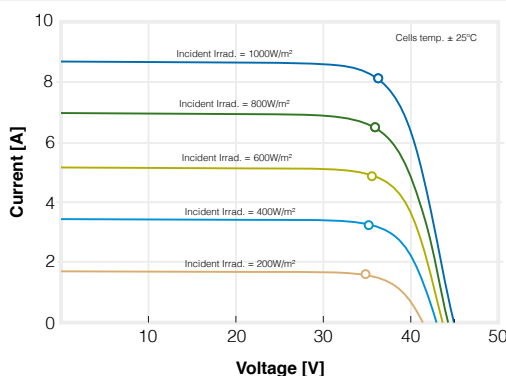
25 years Linear power output

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



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

DISCLAIMER:

Honeywell Solar reserves 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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