

The Panasonic Advantage



Higher Module Efficiency

Superior module efficiency of 20.8% and 20.5%, respectively, allows maximum power production with less roof space and clean aesthetics. Power output of at least 84.8% is guaranteed after 25 years.



AllGuard and TripleGuard 25-Year Warranty¹

A long-term warranty is only as reliable as the company behind it. AllGuard and TripleGuard 25-year warranties cover EVERVOLT® panels for performance, product, parts and labor for 25 years. Whether in year three or year 25, your Panasonic warranty will be there when you need it.



Half-cut Cell Technology

Half-cut cells with PERC technology minimizes electron loss, maximizes conversion efficiency, and produces considerably higher power output over conventional panels.



Durability & Quality Assurance

As a solar pioneer for over 40 years, Panasonic EVERVOLT® solar panels are backed by innovation, experience and a brand you can trust.



Improved Performance When Shaded

Continuous power production in shaded areas for greater energy yields and output. More sunlight absorption means more clean power to your home.



ELECTRICAL SPECIFICATIONS

Model	EVVP405PK2	EVVP400PK2
Rated Power (P _{max}) ¹	405W	400W
Maximum Power Voltage (V _{pm})	31.31V	31.19V
Maximum Power Current (I _{pm})	12.95A	12.84A
Open Circuit Voltage (V _{oc})	37.18V	37.06V
Short Circuit Current (I _{sc})	13.73A	13.66A
Temperature Coefficient (P _{max})	-0.35 %/°C	
Temperature Coefficient (V _{oc})	-0.27 %/°C	
Temperature Coefficient (I _{sc})	0.05 %/°C	
NOCT	43±2°C	
CEC PTC Rating	-	-
Module Efficiency	20.8%	20.5%
Power Density	19.3W/ft ²	19.0W/ft ²
Maximum System Voltage	1500V	
Maximum Series Fuse	25 A	
Watt Class Sorting	-0/+5W	

MECHANICAL SPECIFICATIONS

Connector Type	Staubli MC4
Cable Size / Type	4.0mmsq 47.2in (1200mm)
Max Snow Load (+) ²	112psf[5400Pa]+
Max Wind Load (-) ²	50psf[2400Pa]+
Dimensions LxWxH	67.8 x 44.6 x 1.38 in (1722 x 1133 x 35 mm)
Weight	46.3 lbs (21kg)
Pallet Dimensions LxWxH	68.9 x 44.9 x 45.2 in (1751 x 1141 x 1147 mm)
Quantity per Pallet/ Pallet Weight	31pcs/ 1653 lbs (750kg)
Quantity per 40' container	806pcs

*Test Load. Design Load should be multiplied by two thirds.

OPERATING CONDITIONS AND SAFETY RATINGS

Certifications	UL61730
Operating Temperature	-40°C ~ +85°C
Limited Warranty	25 years
Power Output in Year 1	98%
Annual Degradation	0.55%
Power Output in Year 25	84.8%

NOTE: Values at standard test conditions(STC: air mass AM1.5 irradiance 1000W/m², temperature 25°C).

* Maximum power at delivery. For guarantee conditions, please check our guarantee document.

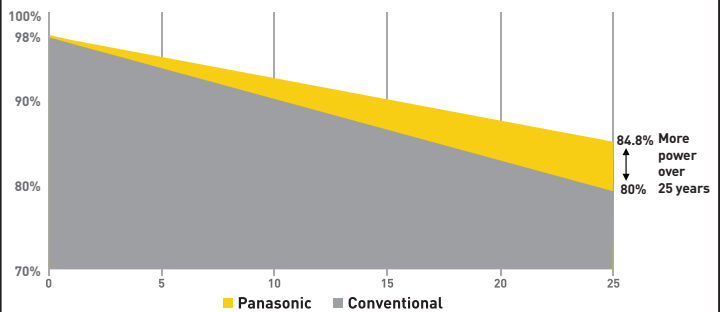
** Installation need to be registered through our website www.panasonicusahitwarranty.com within 60 days in order to receive twenty-five (25) year Product workmanship. Otherwise, Product Workmanship will be only fifteen (15) years.

† Equipment must be installed by a Panasonic Authorized, Premium, or Elite installer and registered at www.panasonicusahitwarranty.com within 60 days in order to receive twenty-five (25) year AllGuard and TripleGuard warranty.

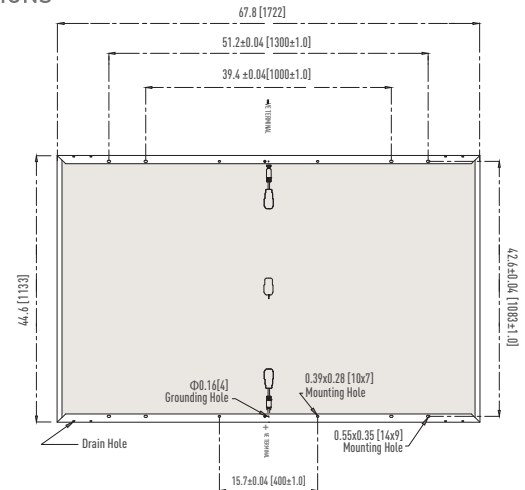
‡ Refer to installation manual for detailed mechanical loading information

*** 1st year 98%, after 2nd year 0.55% annual degradation to year 25.

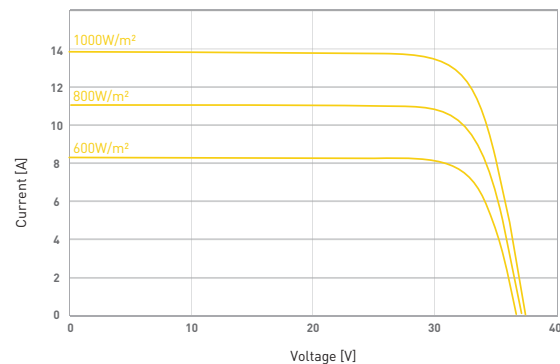
PERFORMANCE WARRANTY



DIMENSIONS



DEPENDENCE ON IRRADIANCE



Reference data for model : EVVP405PK2
Cell temperature : 77°F (25°C)

NOTE: Specifications and information above may change without notice.

CAUTION! Please read the installation manual carefully before using the products.

Used electrical and electronic products must not be mixed with general household waste. For proper treatment, recovery and recycling of old products, please take them to applicable collection points in accordance with your national legislation.