

PPAM Paladium 320 W

-The pure blue

The best of worlds

Swedish engineering is a quality trademark you can trust. When combined with high quality solar cells, in the Paladium, high yields is reached. Paladium is produced using only high quality raw materials from leading suppliers. Paladium is ideal for residential buildings, on facades, rooftops and large scale solar power systems.



Flexibility

We strive to meet the needs of our customers by producing modules with any dimensional requirements. White, black or transparent backsheet. Silver or black frame or frameless. Please contact us for more information and ask for a quotation for a product especially designed for you

Quality & Warranty

The quality is assured by several quality control check points and tested prior to delivery. A final test is conducted in a solar tester, where the modules are tested under Standard Test Conditions (STC 1000W/m², AM 1.5, 25°C). Every modules test data is stored in our database with a unique serial number.

PPAM.se offer a product warranty of 10 years and a 25 year performance warranty for 80 % power output on all standard products. We are certified in accordance with:
EN IEC 61215 (design qualification and type approval)
EN IEC 61730 (safety qualification)
SS-EN ISO 9001:2008 (Quality Management System)



PPAM uses high efficiency solar cells with high efficiency and good output.

PID-FREE UL-CCIC test report: 12CA63536

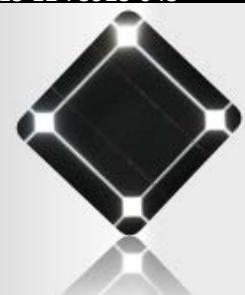


No Z2 15 12 73925 043

Perpetuum Automobile

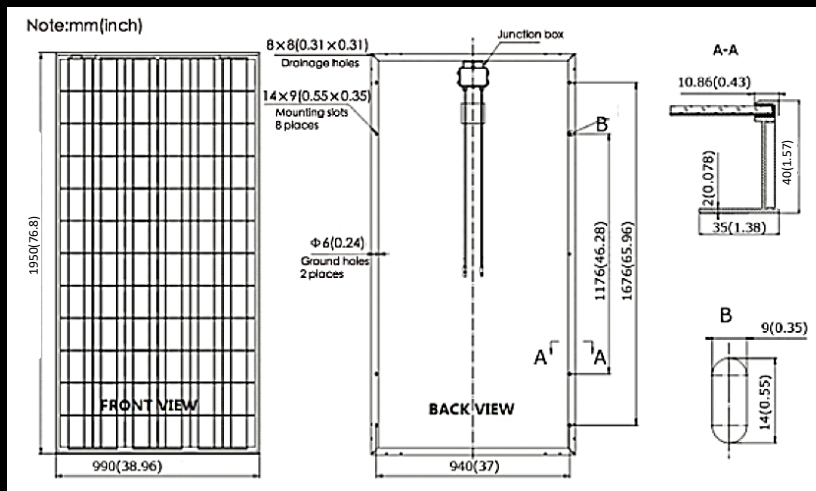
Area Efficient Sustainable Energy Solutions

PPAM.se Sweden AB | Finnängen, Husarvägen 57 | SE-590 72 LJUNGSBRO
+46 706 935097 | +46 13 63445 | www.ppam.se | info@ppam.se





PPAM Paladium produces a fashionable bluish reflection and can be used as building decoration.



Physical properties

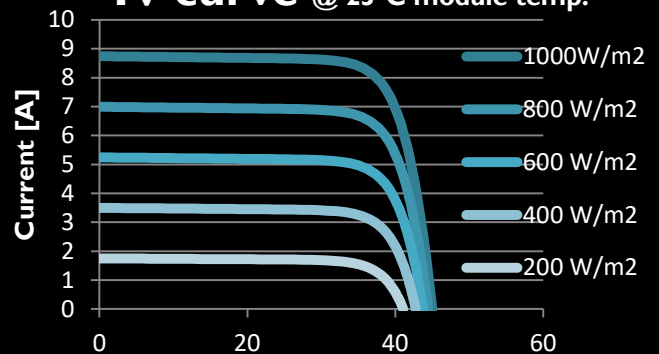
Cell Type	Polycrystalline
Cell dimensions	156x156mm
Cells per module	72
Frame	Anodized Aluminum
Maximum System Voltage	1000 V
Module Weight	23 kg
Module Dimensions	1950 x 990 x 40 mm
Tested temp. conditions	-40°C to +85°C
Max load	550 kg/m ² front only (snow) 245 kg/m ² back & front (wind)

ppam.se Sweden AB reserves the right to make specification changes without prior notice. Please contact your nearest supplier/distributor or visit our website to obtain the latest specification sheet.

Electric properties.

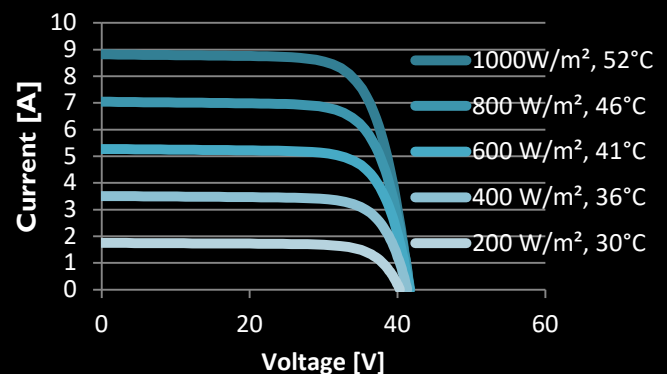
Model	PPAM-Paladium
Max. Power [P_{max}]	320 W _p
Open circuit Voltage [V_{oc}]	45.8 V
Max. Pow. Voltage [V_{mpp}]	37.2 V
Short Circ.Current [I_{sc}]	9,2 A
Max. Pow. Current [I_{mpp}]	8.7 A
Power Tolerance	-0/+3 %
Cell efficiency	18,2 %
Module Efficiency	16,6 %

IV-curve @ 25°C module temp.



IV-curve

@ amb, temp 25°C, U-value 29W/m²K



Thermal properties

NOCT	46°C
Voltage Temp.Coefficient	-0.24%/K
Current Temp. Coefficient	+0.034 %/K
Power Temp.Coefficient	-0.42 %/K

PPAM.SE
SWEDEN AB



Perpetuum Automobile

Area Efficient Sustainable Energy Solutions

PPAM.se Sweden AB | Finnängen, Husarvägen 57 | SE-590 72 LJUNGSBRO
+46 706 935097 | +46 13 63445 | www.ppam.se | info@ppam.se

