



# Total Black MEPV 300W

## MEPV 300W

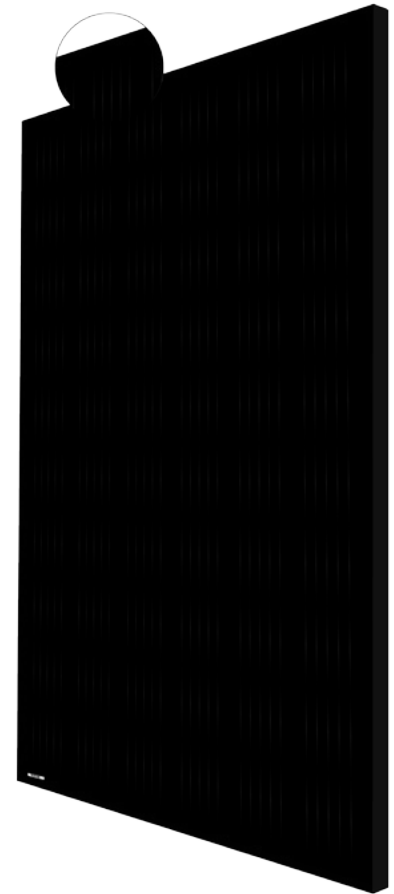
Black cell interconnections | Black Busbar | Black frame

### Quality

- / IP68
- / Electroluminescence test
- / Friendly environment & recyclable materials
- / High transmissivity glass and high resistance
- / Frame with higher mechanical strength and air chamber

### Certificates

- / IEC 61215:2005
- / IEC 61730-1:2004 / IEC 61730-2:2004
- / VKF-AEAI compliance (Switzerland)
- / Class I (under standard UNI 9177)
- / EE016-20130528-001 (France)
- / WEEE compliance in Germany
- / ETL Listed Mark (USA-Canada)
- / Fire Resistance Certificate
- / Frontal load (snow) 5.400 Pa
- / Back load (wind) 2.400 Pa
- / MCS (UK)
- / SundaHus
- / ETN



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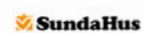
YEARS PRODUCT WARRANTY

25

YEARS PERFORMANCE WARRANTY

PHOTON Laboratory talks about our modules:

*"Eurener is one of the oldest module manufacturers in Europe: the Spanish company was founded in 1997. [...] Is distinguished by having values that are over the average: the temperature coefficient is quite better than other modules that are in the test field. The curve behavior at different irradiance conditions shows a marked efficiency increase in radiations from medium to high, and a slight drop in efficiency at low irradiance conditions. These factors show that this module could reach higher performance than the average in long-term measurements."*



# TOTAL BLACK

Monocrystalline 300 W



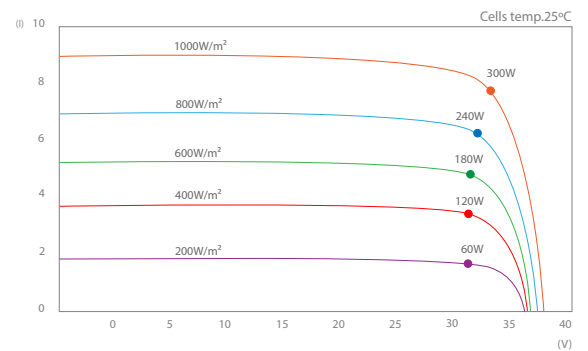
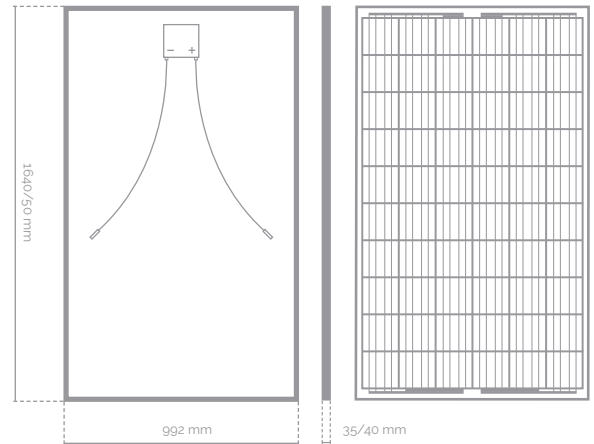
UROPEJSKA JAKOŚĆ

eurener  
energía solar



### Technical features

|   |
|---|
| Frame   |
| Black anodized aluminium 0,015 mm                                   |
| Robust and resistant to corrosion                                   |
| Built-in plug   |
| Connection box  |
| Sealed, robust and wide for heat dissipation                        |
| IP68 according to IEC 60529   |
| Diodes by-pass built-in (3/6) for protection of the partial shading |
| Connector MC4 or compatible   |
| Cables 1 meter (±0,1m) length and 4mm <sup>2</sup> section          |
| Fire Class I approval (UNI 9177)                                    |
| Frontal   |
| 3,2 mm tempered glass   |
| Textured, extra-clear with low iron content                         |
| Solar cells   |
| 60 cells monocrystalline silicon / 156x156 mm                       |
| Weight, dimensions and packaging                                    |
| 19 Kg   1640 x 992 x 40mm(+/-1%)   Packaging: 784 pcs-truck         |
| 19 Kg   1650 x 992 x 35mm(+/-1%)   Packaging: 896 pcs-truck         |



### Electric data

| Standard - All Black            | MEPV 300        |
|---------------------------------|-----------------|
| Nominal power, P <sub>mpp</sub> | 300 W           |
| Tolerance, P <sub>mpp</sub>     | 0 / +5W         |
| Area of the module              | 1,62            |
| Module efficiency               | 18,52%          |
| I <sub>sc</sub>                 | 9,89 A          |
| U <sub>oc</sub>                 | 39,75 V         |
| I <sub>mp</sub>                 | 9,37 A          |
| U <sub>mp</sub>                 | 32,02 V         |
| Maximum voltage                 | 1000 V          |
| I <sub>sc</sub>                 | 0,05% / °C      |
| U <sub>oc</sub>                 | - 0,29% / °C    |
| g P <sub>max</sub>              | - 0,39% / °C    |
| Temperature range               | - 40°C to +85°C |
| NOCT                            | 44°C ± 2°C      |

NOTE: Read the instruction manual of this product and follow the indications. Values are valid for: 1000W/m<sup>2</sup>, AM 1.5 and cell's temperature of 25°C. Measurement tolerance +/3%  
All the information of this brochure may be amended without notice by Eurener.