

Unimacts Global, LLC

PV module - SS8-72HD-545M-IND Manufacturer **Commercial data** UNIMACTS DEKRA Testing and Certification Model SS8-72HD-545M-IND Data source : Pnom STC power (manufacturer) 545 Wp Technology Si-mono Rough module area (Amodule) Module size (W x L) 1.134 x 2.278 m² 2.58 m² Sensitive area (cells) (Acells) Number of cells 2 x 72 2.38 m²

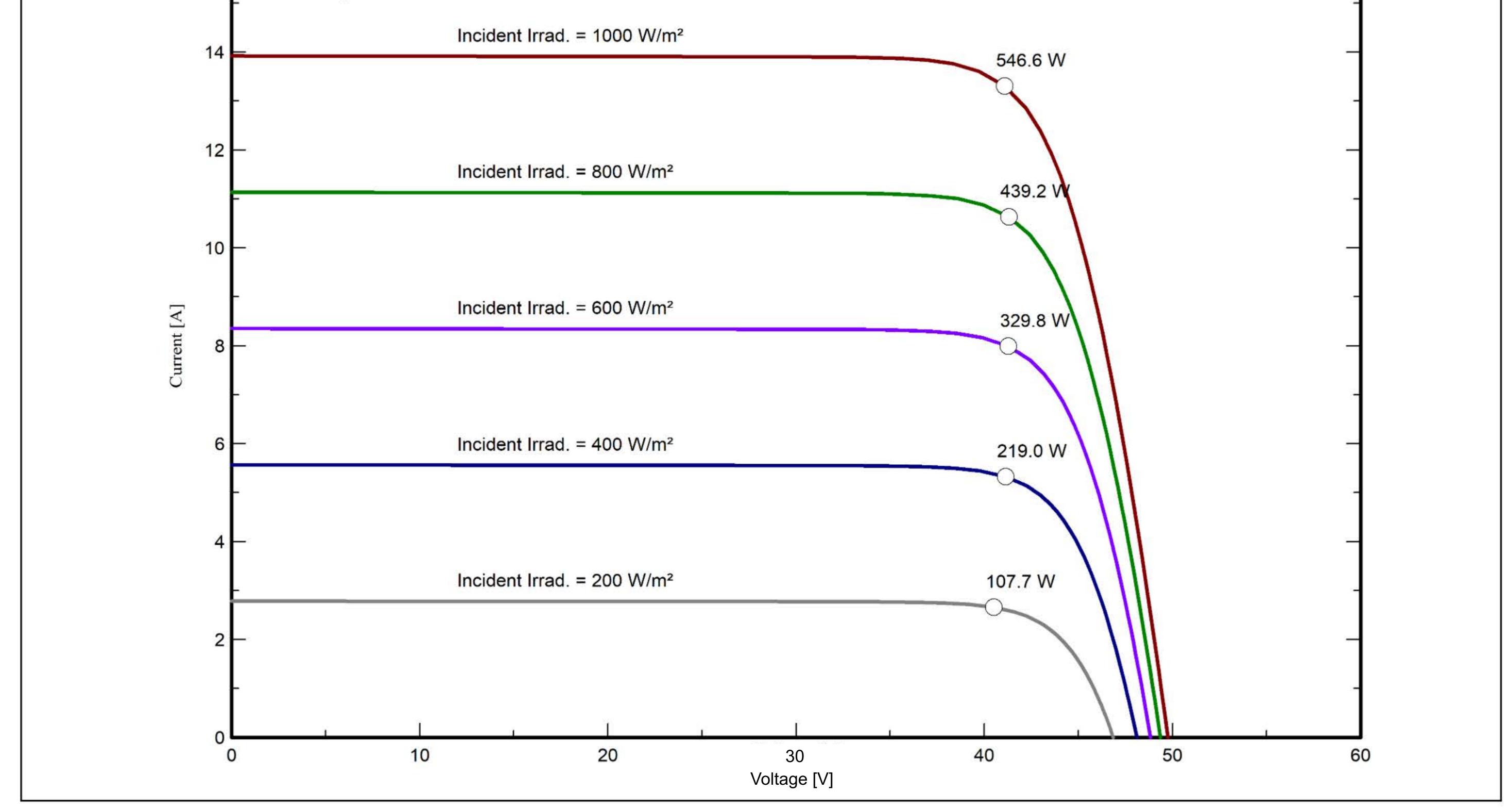
Specifications for the model (manufacturer or measurement data)

| 49.8 V 41.8 V 545.2 W | Short-circuit current (Isc) Max. power point current (Impp) Isc temperature coefficient (mulsc) | 13.92 A 13.04 A |
|-----------------------------|--|--|
| | | 13.04 A |
| 545.2 W | les temperature coefficient (mules) | |
| | ise temperature coencient (muise) | 6.2 mA/°C |
| | | |
| 1700 Ω | Diode saturation current (loRef) | 0.015 nA |
| 0.22 Ω | Voc temp. coefficient (MuVoc) | -136 mV/°C |
| -0.33 %/°C | Diode quality factor (Gamma) | 0.98 |
| | Diode factor temper. coeff. (muGamma) | 0.000 1/°C |
| ehaviour of PV arrays un | der partial shadings or mismatch | |
| 3.20 mA/V ² | (quadratic factor (per cell)) | |
| 3 | Direct voltage of by-pass diodes | -0.7 V |
| (STC: T=25 °C, G=1000 |) W/m², AM=1.5) | |
| 41.1 V | Max. power point current (Impp) | 13.32 A |
| 546.6 Wp | Power temper. coefficient (muPmpp) | -0.33 %/°C |
| 21.2 % | Fill factor (FF) | 0.789 |
| 22.9 % | | |
| | 0.22 Ω -0.33 %/°C ehaviour of PV arrays un 3.20 mA/V ² 3 (STC: T=25 °C, G=1000 41.1 V 546.6 Wp 21.2 % | 0.22 ΩVoc temp. coefficient (MuVoc)-0.33 %/°CDiode quality factor (Gamma)Diode factor temper. coeff. (muGamma)ehaviour of PV arrays under partial shadings or mismatch3.20 mA/V²(quadratic factor (per cell))3Direct voltage of by-pass diodes(STC: T=25 °C, G=1000 W/m², AM=1.5)41.1 VMax. power point current (Impp)546.6 WpPower temper. coefficient (muPmpp)21.2 %Fill factor (FF) |

PV module: UNIMACTS, SS8-72HD-545M-IND

Cells temp. = 25 °C

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04/06/24

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