

## MC60 Top Performance



17.5 %

### High Efficiency

High module conversion efficiency: up to 17.5% achieved through advanced cell technology



### Patents

More than 20 patents on PV cells and modules



### Innovation

Day4 developed the first solar cell with distributed frontal grid : over 2100 independent electrical contacts per cell (2002)

220MW

### Installed base

Installed base of more than 220MW of high efficiency PV modules (MC-I)



### Performance over time

Day4 module has been installed in desert and harsh environment for many years and tested over the time



### Company history

Day4: active on the market since 2002 with R&D activities and patents for cells contacting



### Mechanical-Electrical Characteristics

- Dimensions: 1640 x 992 x 40
- Class A PV cells: 156 x 156 mm Poly
- Weight 18.6 kg
- 3.2 mm low iron tempered front glass, anti reflecting coating
- Static load: 5400Pa front, 2400Pa back
- Anodized aluminium frame
- Output cables: 2 x 4.0 mm<sup>2</sup> 1000mm
- Connectors MC IV Compatible



### Insurance Policy

Product insured by primary European Insurance Company. Refer to Day4 Europe for details and limits

All values indicated in this data sheet are subject to change without notice. Refer to day4 Europe for details. Rev. 10-2017



### Warranty (\*)

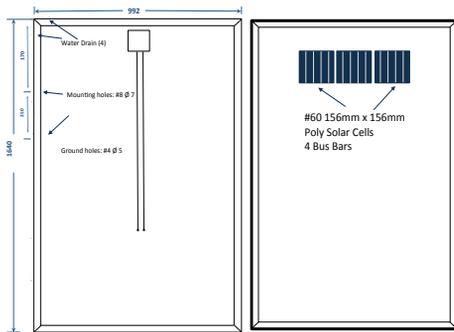
- Performance linear warranty: 25 years 80.7%
- 20 years product warranty (workmanship)
- (\*) Refer to Day4 Warranty Policy



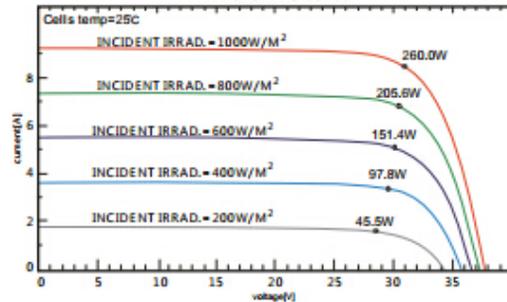
### Quality

- > IP65 rated Junction box
- Fire Class resistance: class 1 UNI 9177
- Kiwa: IEC 61215:2005
- 61730-1:2004 + A1:2011 + A2:2013
- IEC 61730-2:2004 + A1:2011
- EN 61730-2:2007 + A1:2012
- Fire Test IEC61730-2 / MST 23 Performed
- Recycle AEE n° IT1701000009671

# MC60 Poly 285



This graphical representation is not to scale.  
Data subject to change without notification



IV Curve, 260Wp

Module: D4-MC60-Ecopower	285 W/p	280 W/p	275 W/p	270 W/p	265 W/p	260 W/p	255 W/p	250 W/p
Peak power W/p	285	280	275	270	265	260	255	250
Module Efficiency	17.52	17.21	16.90	16.60	16.29	15.98	15.67	15.37
Max. Power Voltage Vmp [V]	32.03	31.88	31.74	31.61	31.48	31.35	31.18	31.02
Max. Power Current Imp [A]	8.90	8.78	8.66	8.54	8.42	8.29	8.18	8.06
Open Circuit Voltage Voc [V]	38.02	37.86	37.70	37.54	37.38	37.22	37.07	36.99
Short Circuit Current Isc [A]	9.53	9.40	9.27	9.14	8.98	8.87	8.75	8.62

## Mechanical-Electrical extended features

- Operating Module Temperature [C°] -40°C + 85°C
- Maximum System Voltage [V] 1000V DC, Application Class A
- Maximum Series Fuses Rating 15A
- Positive Tolerance: +0/5Wp (unless differently specified)
- NOCT 45 +/-2 °C
- Junction Box: MC4 comp. > IP 65
- Temperature Coefficient of Pmax Pmpp -0.41% /°C
- Temperature Coefficient of Voc -0.32% /°C
- Temperature Coefficient of Isc +0.05% /°C
- @ STC: Irradiance 1000W/m<sup>2</sup>, Cell Temp. 25°C, AM: 1.5
- Warranty Production: Linear 12 years >= 91.2%; 25 years >= 80.7%
- Product Warranty: 20 years



Data subject to change without notice. [info@d4europe.com](mailto:info@d4europe.com) for further information.  
Rev. 9-2017

## Contacts & Info

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