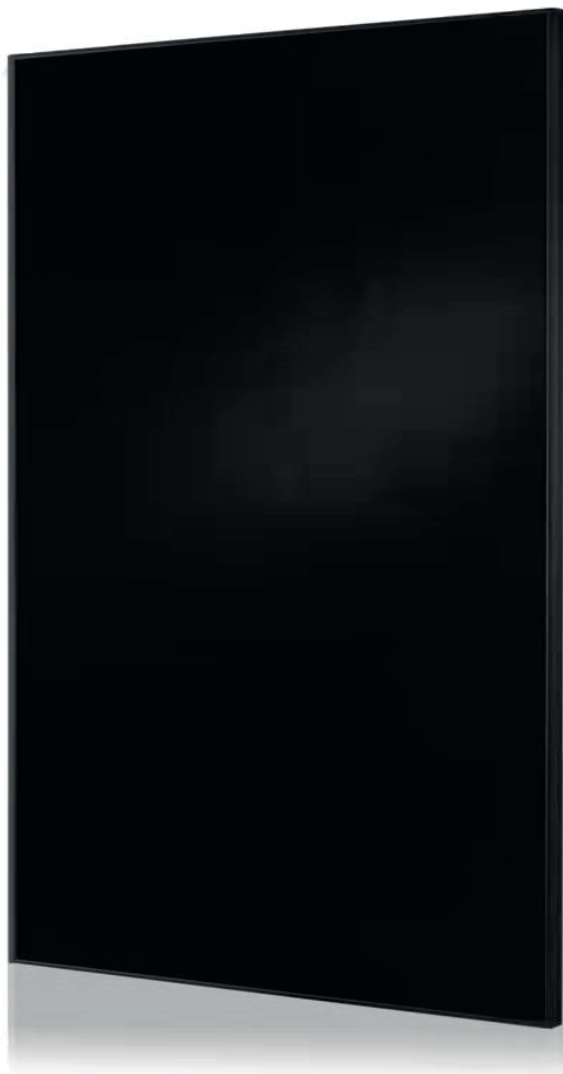
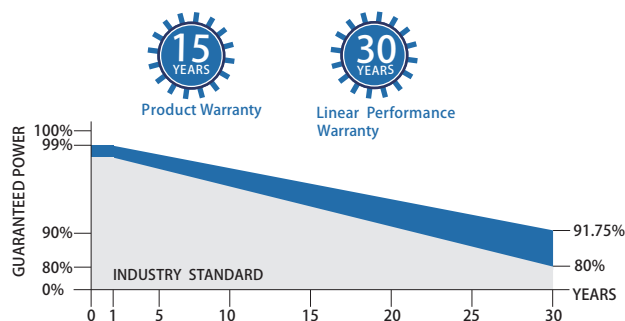


U-IBC1.0 — Leading technology in PV Full black double glass modules



- **EUROPEAN QUALITY**
---- Stringent standards and regulations
- **LOW DEGRADATION**
---- N-type cells and stress free connection for reduction of crack risk
- **ZERO SHADOWING**
---- No light shadowing in front without finger and busbar
- **FIRE-RESISTENT STRUCTURE**
---- Double glass structure for fireproofing
- **BETTER HAIL-RESISTANCE DESIGN**
---- Glass-glass integrated structure



EUISH60D380~390W



Long lifetime tested



Power guaranteed



Safety warranted



Selection of components



Cross-linking degree test



Performance tolerance of 0Wp to 5 Wp



PID free
LID free



Special packing to avoid micro cracks in the cells

EUISH60D380~390W

TYPICAL ELECTRICAL PARAMETERS

Module	EUISH60D380		EUISH60D385		EUISH60D390	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (Pmpp) /W	380	286	385	290	390	294
Rated Current (Imp) /A	10.77	8.75	10.85	8.82	10.93	8.95
Rated Voltage (Vmp) / V	35.30	32.70	35.50	32.90	35.70	33.30
Short Circuit Current (Isc) /A	11.61	9.32	11.72	9.42	11.83	9.57
Open Circuit Voltage (Voc) /V	41.70	39.90	41.80	40.00	41.90	40.20
Module Efficiency /%	21.4%		21.70%		22.00%	
STC(Standard Testing Conditions):Irradiance 1000W/ m ² , Air Mass 1.5, Cell Temperature 25 C , Measuring Tolerance ±3%						
NOCT(Nominal Operating Cell Temperature): Irradiance 800W/ m ² , Ambient Temperature 20 C , Air Mass 1.5, Wind speed 1m/s						

ABSOLUTE MAXIMUM RATING

Operating Temperature	From -40 to +85°C
Hail Diameter @ 80km/h	Up to 25mm
Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Maximum Series Fuse Rating	20A
PV Module Classification	II
Fire Rating (IEC 61730)	A
Maximum System Voltage	DC 1500V

MECHANICAL CHARACTERISTICS

Cell Type	N -type IBC166mm×83mm, 120(6×20)
Dimension (L×W×H)	1709mm x 1039mm x 30mm(67.28x40.9x1.18 inches)
Weight	22.3 ±0.5kg
Front Side	2mm anti-reflection-coating glass
Back Side	2mm heat-strengthened glass, black mesh print
Frame	Anodized Aluminium Alloy
Cable	4mm ² (IEC), 300mm or Customized Length
Junction Box	IP68 Rated
Connector	MC4

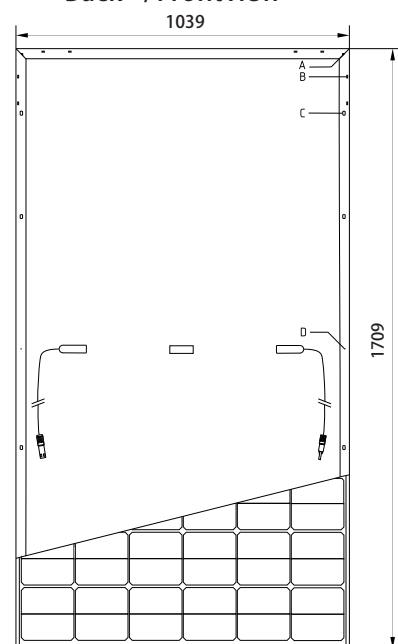
TEMPERATURE COEFFICIENT

Voltage Temperature Coefficient	-0.246% / °C
Current Temperature Coefficient	+0.046% / °C
Power Temperature Coefficient	-0.27% / °C
Tolerance	0~+5W
NOCT	43 ± 2°C

PACKING CONFIGURATION

40'HQ Container	Pallet/container	Piece/container
-	13	949

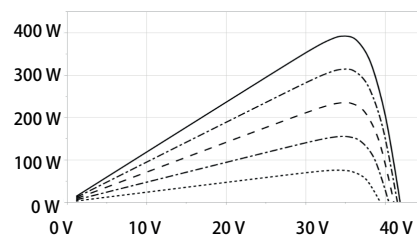
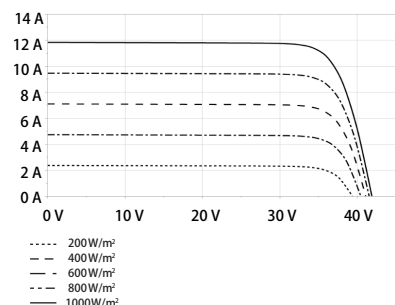
Back - /Frontview



Drilled holes

- A: 4 x drainage
- B: 16 x ventilation
- C: 8 x mounting
- D: 2 x earthing

Electrical characteristics



The specifications and average values can vary slightly. Individual measurement of the corresponding data is relevant. Specifications are subject to change without notice. Measurement tolerance depends on equipment: rated power +/- 3%, other values +/- 10%. All information given in this data sheet correspond to DIN EN 50380. A potential light-induced degradation of the power after commissioning is not considered here. Refer to the installation manuals for further information.

1 The specific warranty conditions are given under www.euronergysolar.com.

2 Horizontal mounted, please check mounting instruction for details.

3 Tolerance L/W = +/- 3 mm. H +/- 2mm, the dimensions given in the order confirmation will be decisive.

4 Location and dimensions of holes on request.