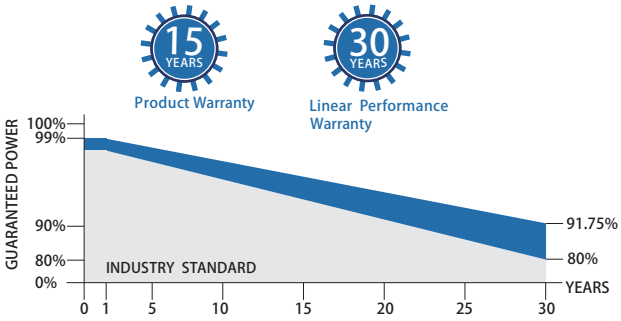
U-IBC1.0 — Leading technology in PV

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

Selection of components

Cross-linking degree test

Power guaranteed

Performance tolerance of 0Wp to 5 Wp

PID free
LID free

Safety warranted

Special packing to avoid micro cracks in the cells

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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 (Impp) /A	10.77	8.75	10.85	8.82	10.93	8.95
Rated Voltage (Vmpp) / 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 Efficency /%	21.4%		21.70%		22.00%	

STC(Standard Testing Conditions):Irradiance 1000W/㎡, Air Mass 1.5, Cell Temperature 25℃, Measuring Tolerance ±3%
NOCT(Nominal Operating Cell Temperature): Irradiance 800W/㎡, Ambient Temperature 20℃, Air Mass 1.5, Wind speed 1m/s

ABSOLUTE MAXIMUM RATING

Operating Temperature	From -40 to +85℃
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	4m (IEC),300mm or Customized Length
Junction Box	IP68Rated
Connector	MC4

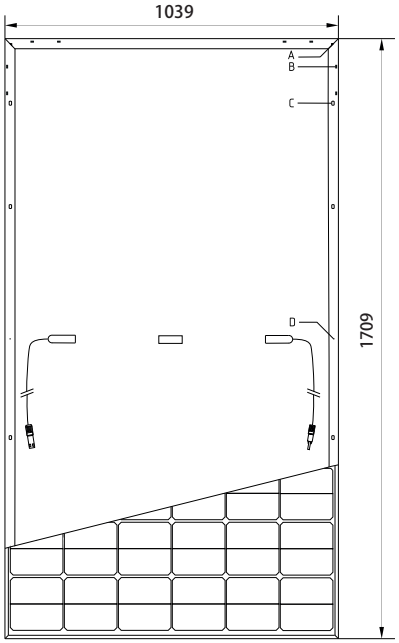
TEMPERATURE COFFICIENT

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

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

