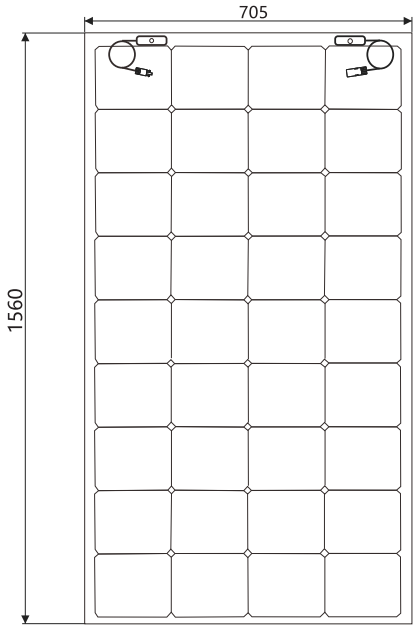
IBC Lightweight Flexble module (M6)

Flexible	Light Weight	Easy Installation	19.55%
Flex polymer materials	Weight reduced by more than 70%	Installation cost educed by about 50%	Max module efficiency

Photovoltaic green building materials

- IBC-No electrode to block sunlight
- Excellent Temperature Coefficient
- Efficient and elegant IBC cell
- Customized design
- Safety and high quality assurance
- N-Type cell has ZERO LIDa

Dimensional drawing (Units: mm)



Mechanical Characteristics

Cell Type	Mono-crystalline IBC 166.00×83.00 mm (Half-cell)
No. of Cells	72 (4×18) (Or Custom Design)
Dimensions	1560×705×3mm (Or Custom Design)
Weight	3.3±0.5kg
Encapsulation	Backsheet (White/Black)
Junction Box	IP68 Rated
Cables	TÜV 1×4mm², Length:300mm (Or Custom Design)
Connector	MC4 Compatible

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Working Conditions

Maximum System Voltage	1000V DC (IEC)
Maximum Series Fuse Rating	20A
Operating Temperature	-40~+85˚C
Nominal Operating Cell Temperature	42±2˚C
Temperature Coefficient of Pmax	-0.290%/˚C
Temperature Coefficient of Voc	-0.246%/˚C
Temperature Coefficient of Isc	+0.046%/˚C

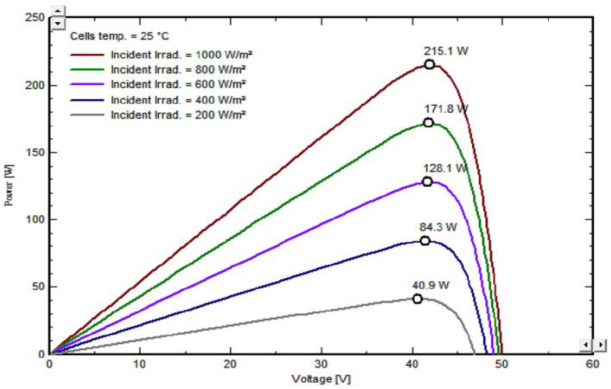
Electrical Parameters (STC*)

Module Type	EL(LFL)-36-215/IH
Maximum Power Pmax/(W)	215
Maximum Power Voltage Vmp/(V)	42.1
Maximum Power Current Imp/(A)	5.11
Open Circuit Voltage Voc/(V)	50.0
Short Circuit Current Isc/(A)	5.42
Module Efficiency/(%)	19.55

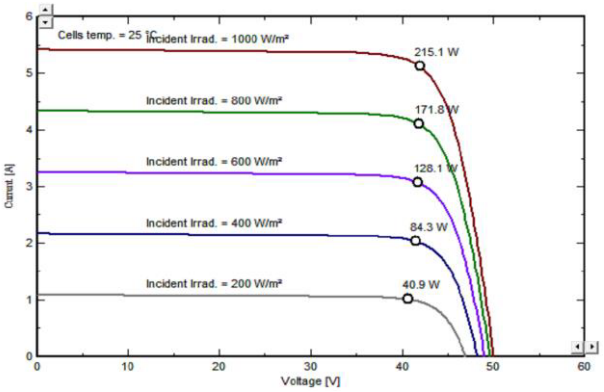
*STC (Standard Test Condition): Irradiance 1,000W/㎡, Cell temperature 25°C, AM1.5 (Measurement Tolerance: ±3%, Electrical Parameter Tolerance: ±5%)

Characteristic Curve (215W)

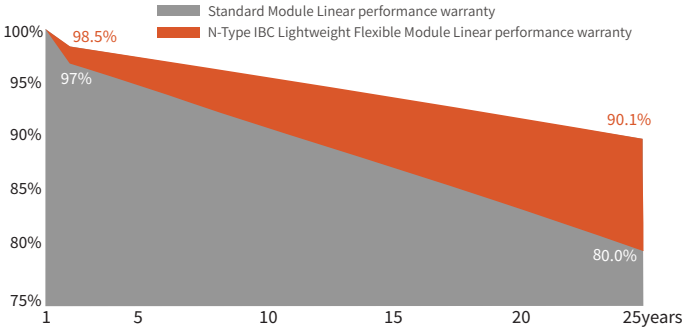
Power-Voltage Curve



Current-Voltage Curves



Power Decline Curve



Comprehensive Qualifications & Certifications

ISO 9001:2015Quality Management System

ISO 14001:2015 Environment Management System

ISO 45001:2018 Occupational Health and Safety Management Systems

-1.5%
1st year Degradation

-0.35%
Annual Degradation

90.1%
25 Years Linear Power Warranty

10 year
Product Warranty

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