

# ECO BIPV™



ECO-18M-EHC-DG(IBC)

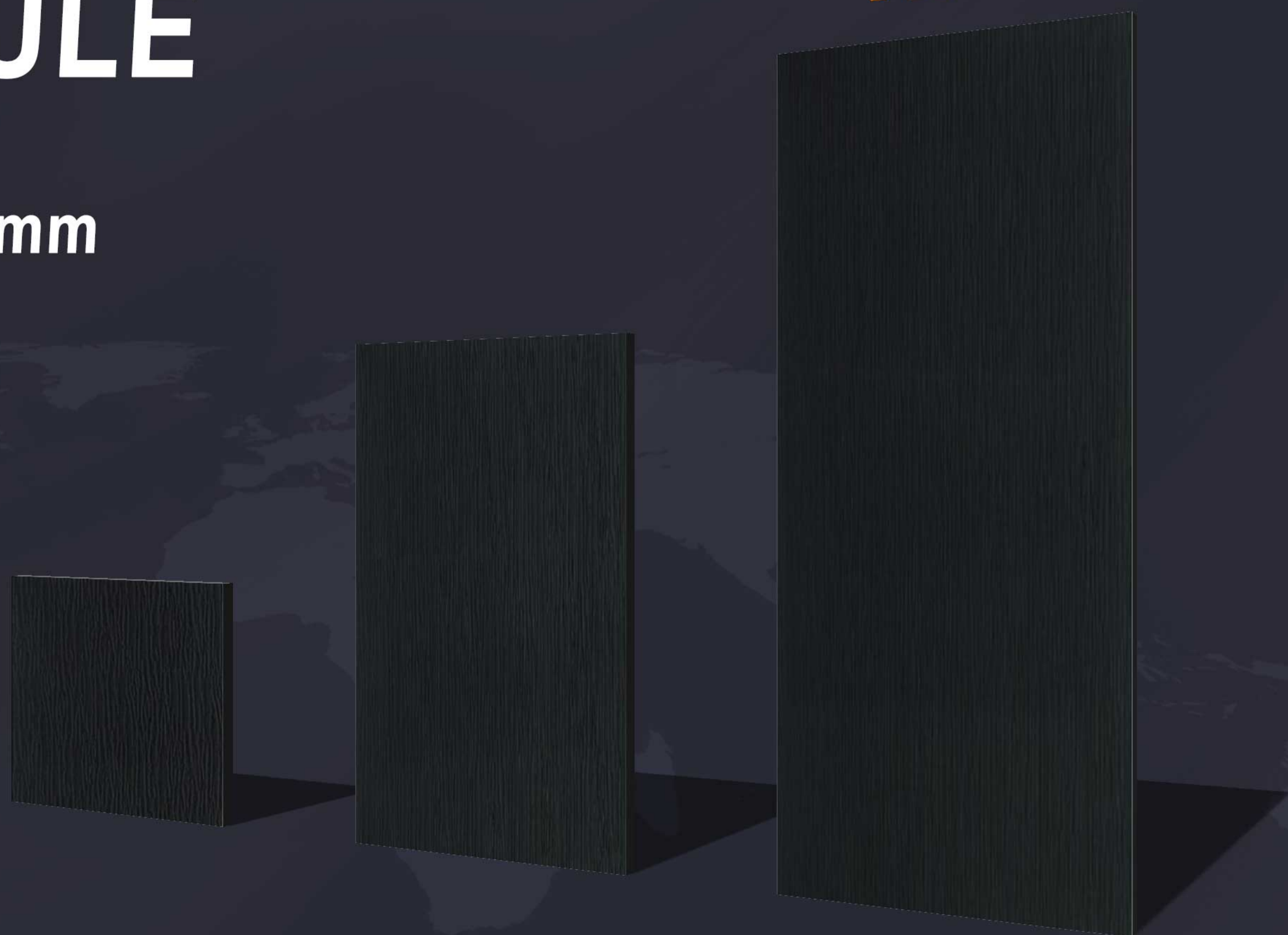
ECO-43M-EHC-DG(IBC)

ECO-75M-EHC-DG(IBC)

# BUILDING INTEGRATED PHOTOVOLTAIC MODULE

## IBC

## M6 166mm



**30 YEARS**  
PRODUCT MATERIAL &  
WORKMANSHIP  
**30 YEARS 91.8%**  
LINEAR PERFORMANCE  
WARRANTY

CUSTOMIZATION  
MEET DIFFERENT  
NEEDS

EFFICIENT AND  
ELEGANT IBC  
CELL

SAFETY  
HIGH TEMPERA-  
TURE  
FIRE PROTEC-  
TION

CONSTRUCTION  
GRADE MATERIAL  
BRIGHT AND  
LONG LASTING

EASY INSTALLA-  
TION COST  
REDUCED BY  
ABOUT 50%

# ECO DELTA IBC BIPV Module

## ECO-18M-43M-75M-EHC-DG(IBC)

ELECTRICAL DATA @ STC		ECO-18M-EHC-DG(IBC)	ECO-43M-EHC-DG(IBC)	ECO-75M-EHC-DG(IBC)
Peak Power(Pmax)	(W)	18	43	75
Maximum Power Voltage (Vmp)	(V)	3.4	8.0	14.1
Maximum Power Current(Imp)	(A)	5.30	5.38	5.32
Open-circuit Voltage (Voc)	(V)	4.3	9.8	16.7
Short-circuit Current(Isc)	(A)	5.71	5.71	5.71
Module Efficiency	(%)	10.8	12.9	14.9
Operating Temperature		-40°C~+85°C		
Maximum System Voltage		□1500V		
Maximum Series Fuse Rating		20A		
Power Tolerance		0~+3%		

\*STC (Standard Test Condition): Irradiance 1000W/ m<sup>2</sup> , Module Temperature 25°C, AM 1.5

### TEMPERATURE CHARACTERISTICS

Temperature coefficient of Pmax	-0.29%/°C
Temperature coefficient of Voc	-0.246%/°C
Temperature coefficient of Isc	0.046%/°C
NMOT	42±2°C

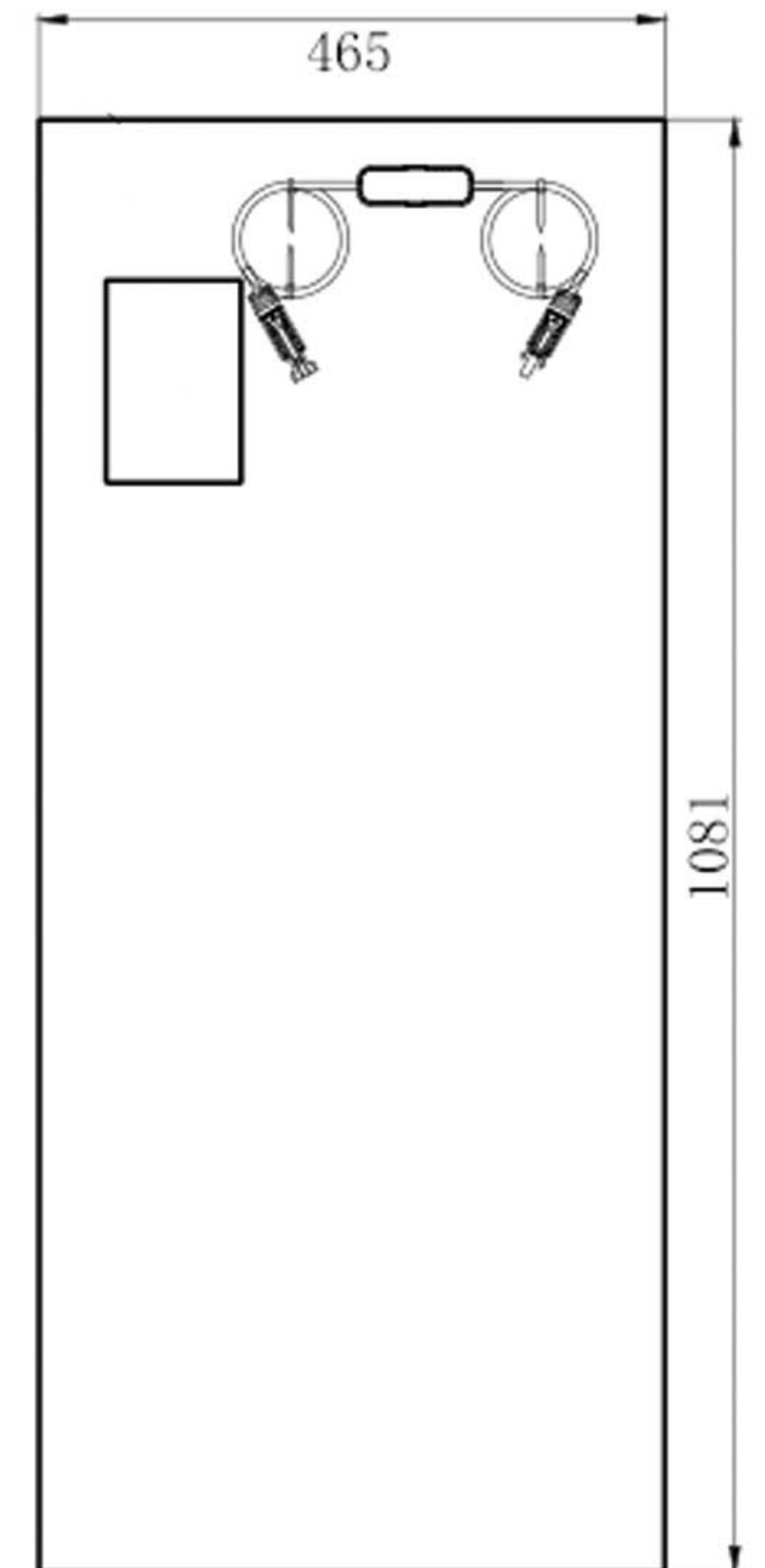
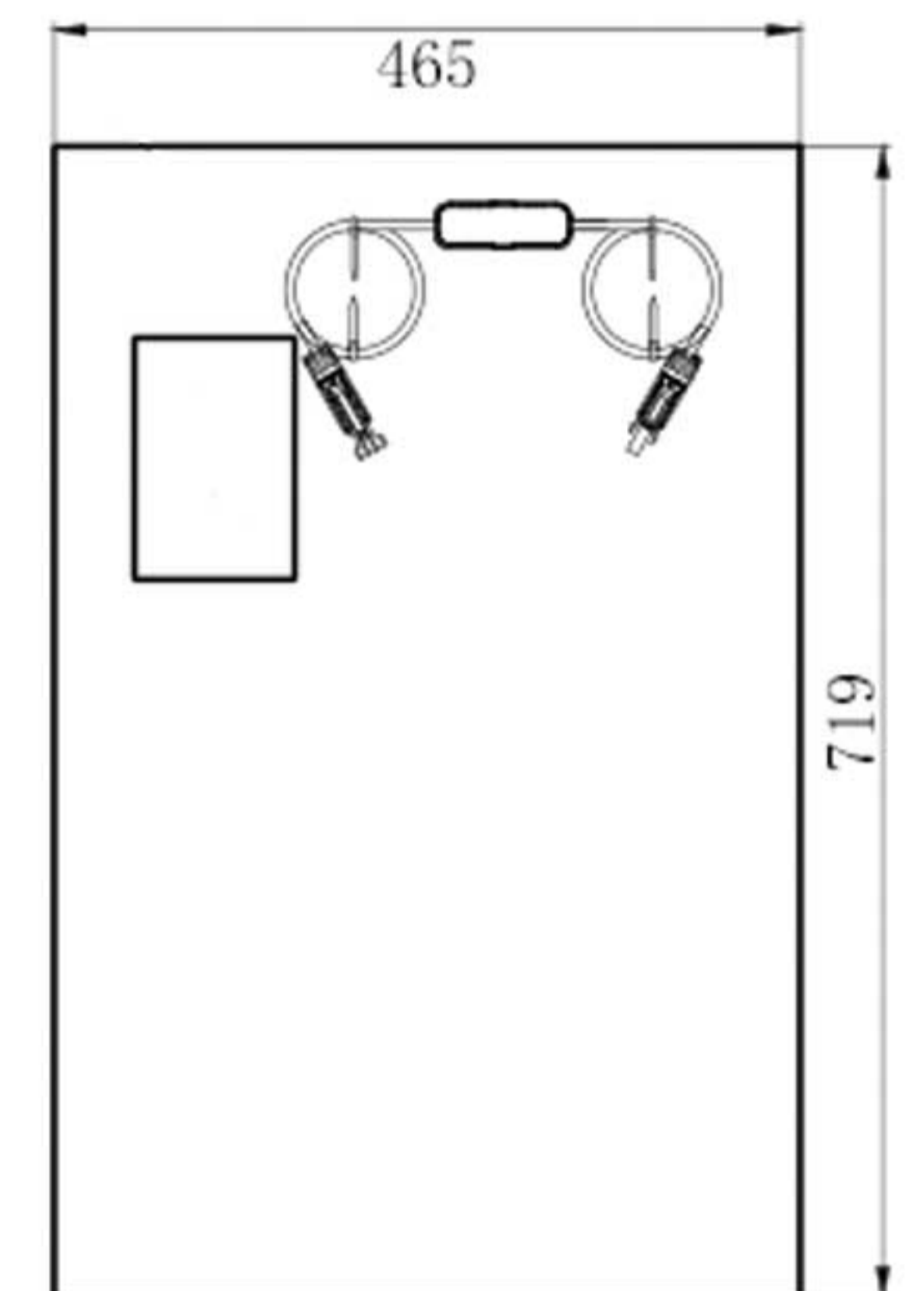
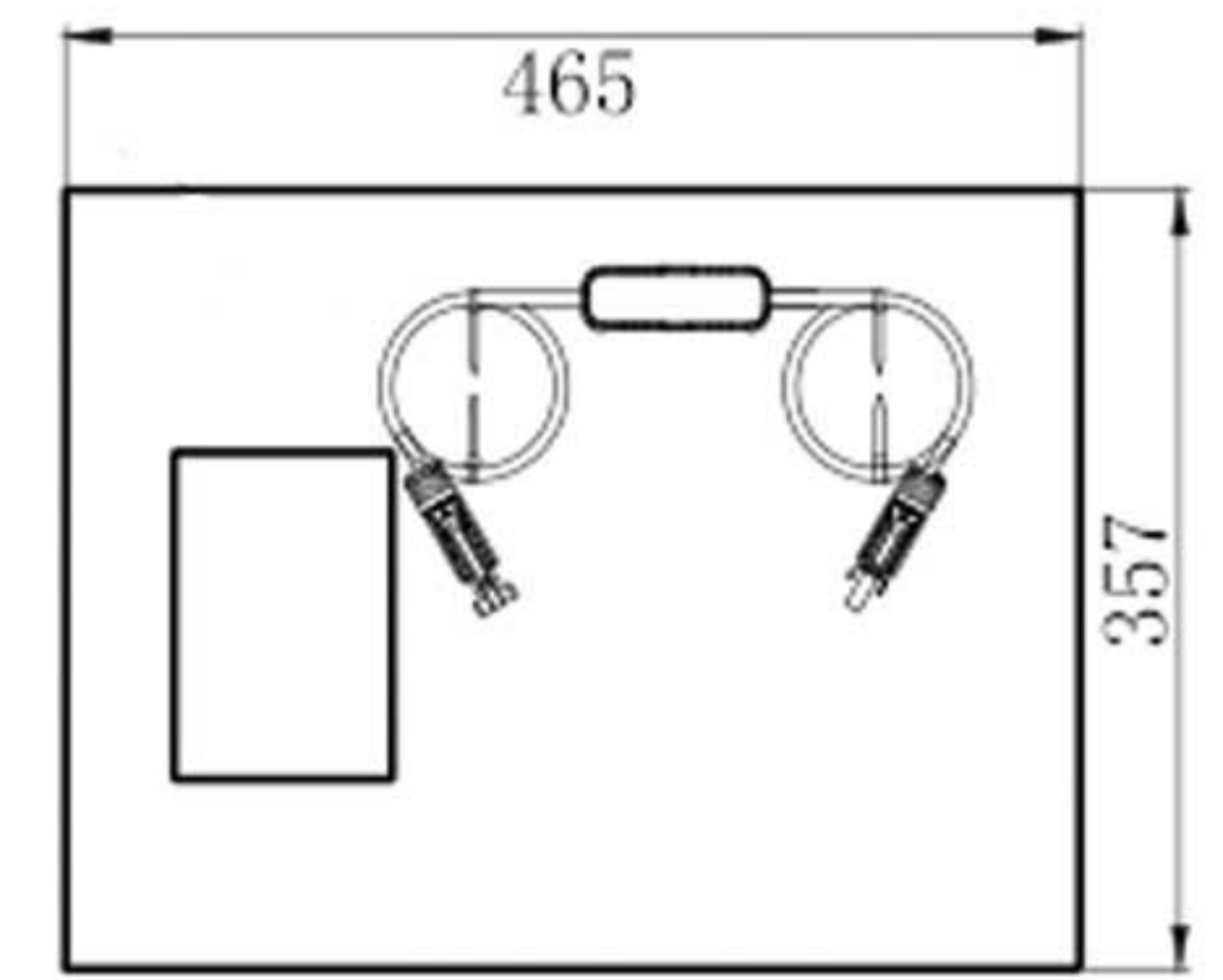
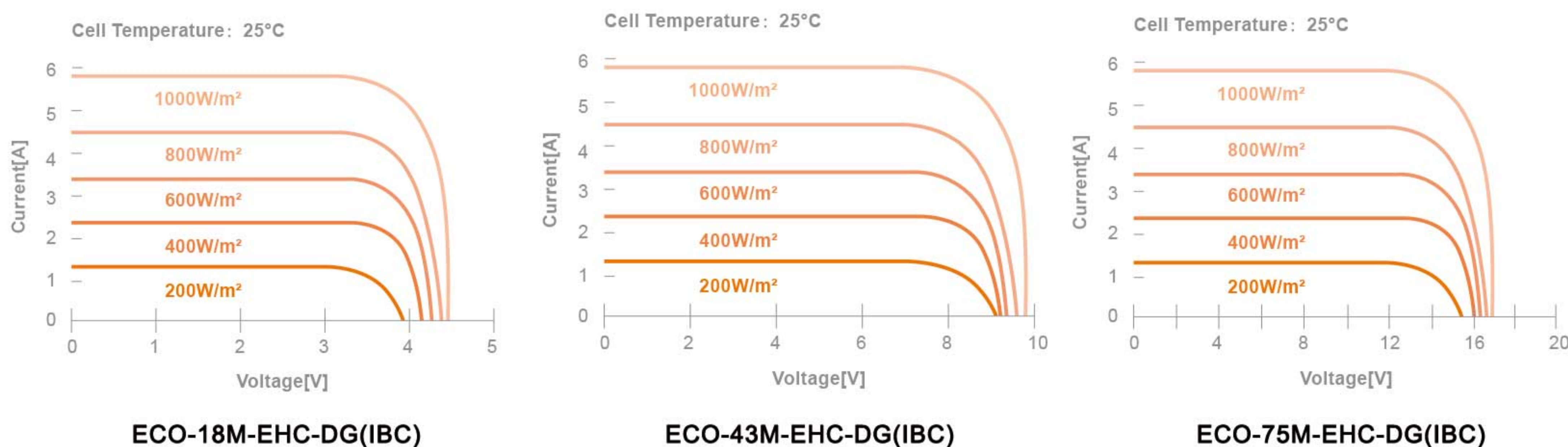
### MECHANICAL DATA

Cell Type	Mono-Crystalline, 166*83mm		
Cell Arrangement	3pcs (1.5*2)	7pcs (3.5*2)	12pcs (6*2)
Dimension (L×W×H)	357 x 465 x 11mm	719 x 465 x 11mm	1081 x 465 x 11mm
Weight	4kg	8kg	12kg
Front Cover	Dual glass 5mm+4mm Tempered Glass		
Frame	/		
Junction Box	IP68, 3 Bypass Diodes		
Cable Type	4mm <sup>2</sup>		
Length of Cable	300mm		
Connector	Compatible with MC4 PV Connector		

### PACKING MANNER

Packing Type	40'HQ		
Piece/Pallet	62	62	62
Piece/Container	4092	2728	1984

### Current-Voltage Curve under different irradiance



\*The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, ECO DELTA POWER CO., LTD Reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.