

# ECO DELTA 9BB Mono Big Cell(166) Half-cut Cell PV Module

## ECO-365-375M-60EHC

Sorting tolerance 0-5W



### Higher Module Efficiency

Brings 0-+3W Power gain due to half-cut production system



### INNOVATIONAL 166 HALF-CELL TECHNOLOGY

Improves the module output, decreases the risk of micro-crack, enhances the module reliability.



### INNOVATIVE PERC CELL TECHNOLOGY

Excellent cell efficiency and output.



### REDUCE SHADOW LOSS

Effectively reduces the effect of shadow on the module surface.



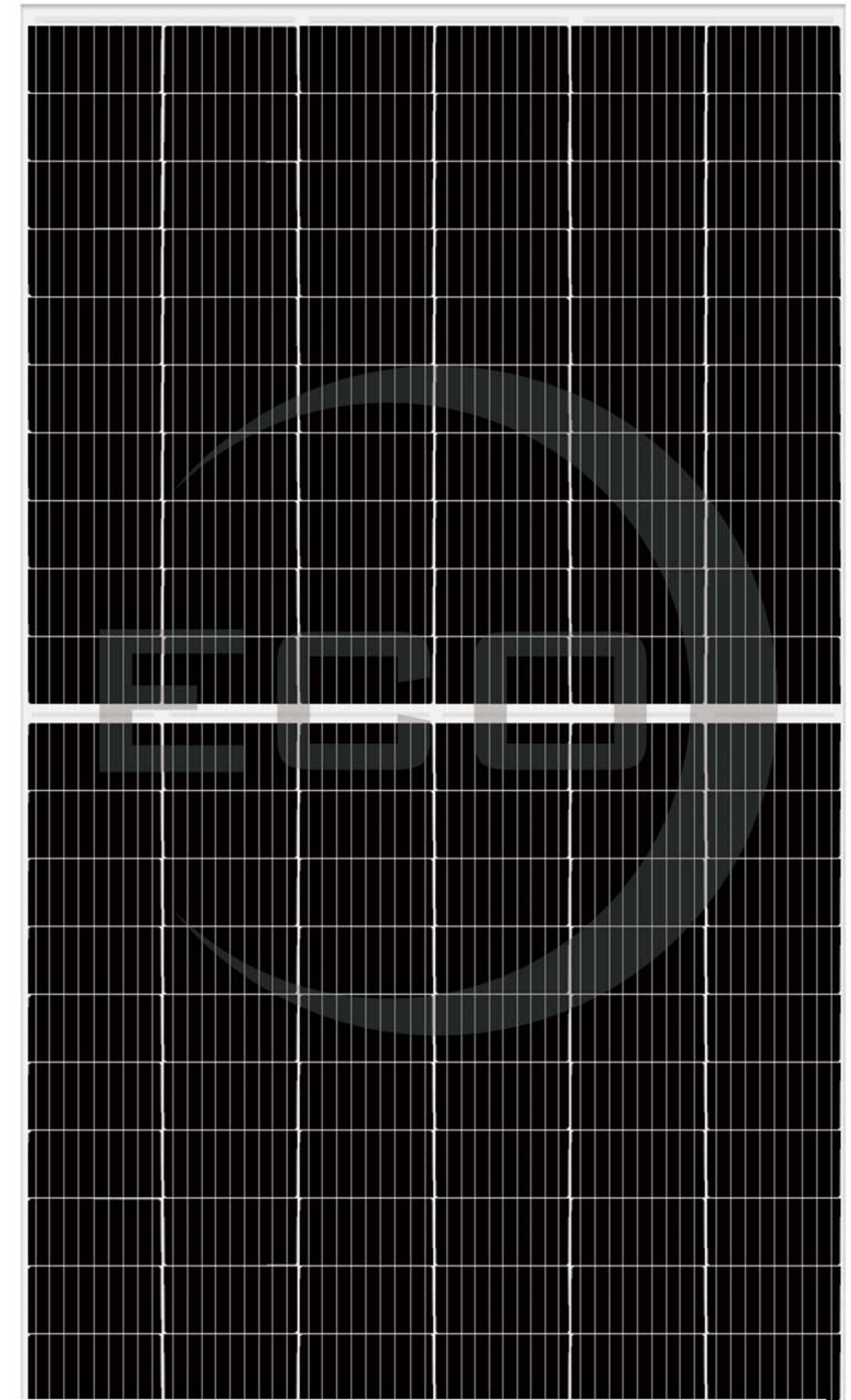
### REDUCE INTERNAL MISMATCH LOSS

Reduces mismatch loss and improves output.



### PASSED HAIL TEST

Certified to hail resistance: ice ball size (d=45mm) and ice ball velocity (v=30.7m/s).



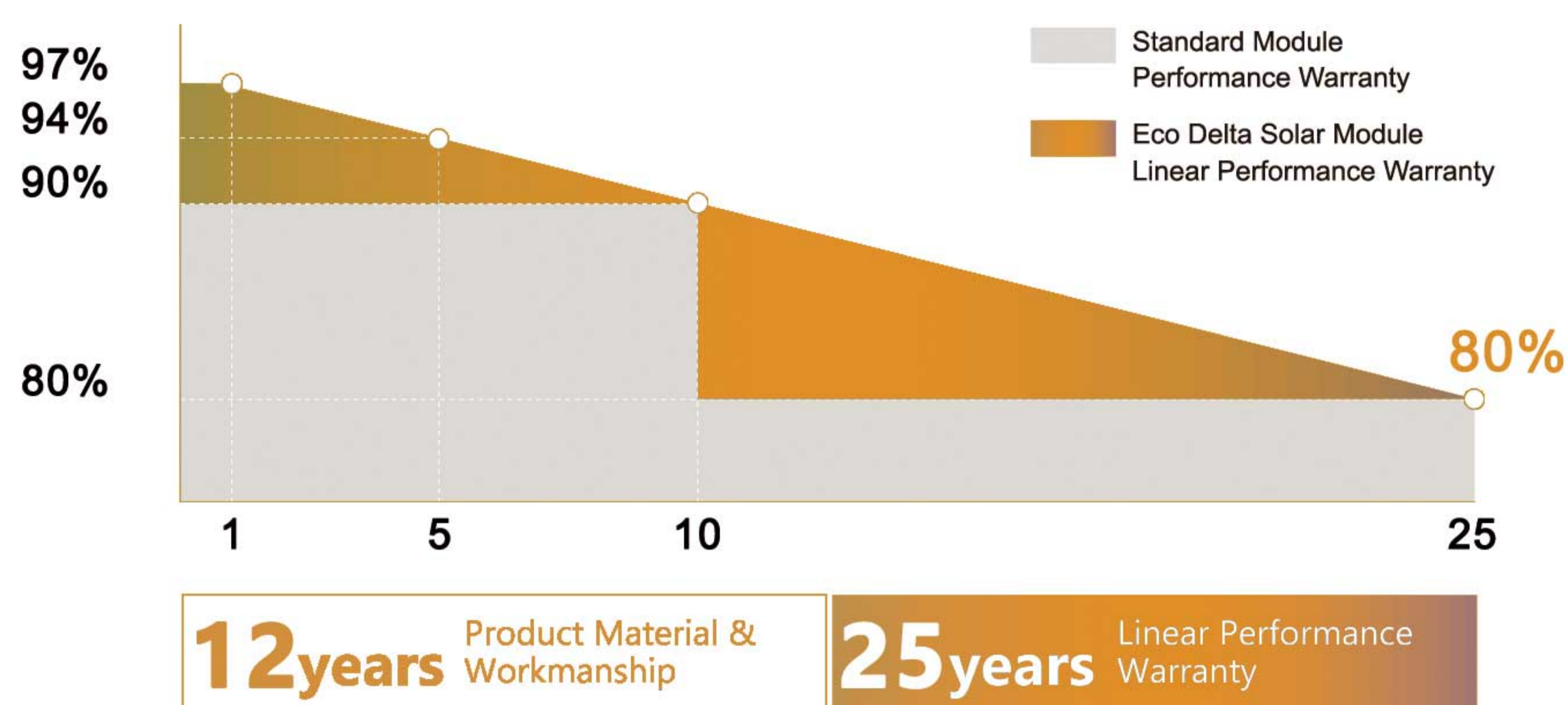
Manufactured in China



IEC 61730 (2016)

IEC 61215 (2016)

### LINEAR PERFORMANCE WARRANTY



### QUALITY WARRANTY

Eco Delta guarantees that defects will not appear in materials and workmanship defined by IEC61215 or IEC61730 under normal installation, use and maintenance as specified in Eco Delta's installation manual for 12 years from the warranty starting date.

### About Eco Delta

Eco Delta Power Co.,Ltd specializes in research, development, production, and sales of solar PV products as well as provision of related services and provides customers around the world with high-quality PV products.

[www.ecodeltapower.com](http://www.ecodeltapower.com)

# ECO DELTA 9BB Mono Big Cell(166) Half-cut Cell PV Module

## ECO-365-375M-60EHC



ELECTRICAL DATA @ STC		ECO-365M-60 EHC	ECO-370M-60 EHC	ECO-375M-60 EHC
Peak Power(Pmax)	(W)	365	370	375
Maximum Power Voltage (Vmp)	(V)	33.90	34.10	34.20
Maximum Power Current(Imp)	(A)	10.77	10.86	10.98
Open-circuit Voltage (Voc)	(V)	41.30	41.50	41.60
Short-circuit Current(Isc)	(A)	11.63	11.72	11.85
Module Efficiency	(%)	20.04	20.31	20.59
Operating Temperature		-40°C~+85°C		
Maximum System Voltage		□ 1500V		
Maximum Series Fuse Rating		20A		
Tolerance		Pmax±3% Voc±5% Isc±5%		
Fire Class		Class C		

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

ELECTRICAL DATA @ NMOT		ECO-365M-60 EHC	ECO-370M-60 EHC	ECO-375M-60 EHC
Peak Power(Pmax)	(W)	270	274	278
MPP Voltage (Vmp)	(V)	32.00	32.20	32.30
MPP Current(Imp)	(A)	8.44	8.51	8.61
Open Circuit Voltage (Voc)	(V)	39.00	39.20	39.30
Short Circuit Current(Isc)	(A)	9.39	9.46	9.57

\*Under Nominal Module Operating Temperature (NMOT), Irradiance of 800W/ m<sup>2</sup> , Spectrum AM 1.5, Ambient Temperature 20°C, Wind Speed 1m/s

TEMPERATURE CHARACTERISTICS		
Temperature coefficient of Pmax		-0.39%/k
Temperature coefficient of Voc		-0.29%/k
Temperature coefficient of Isc		0.049%/k
NMOT		45±2°C

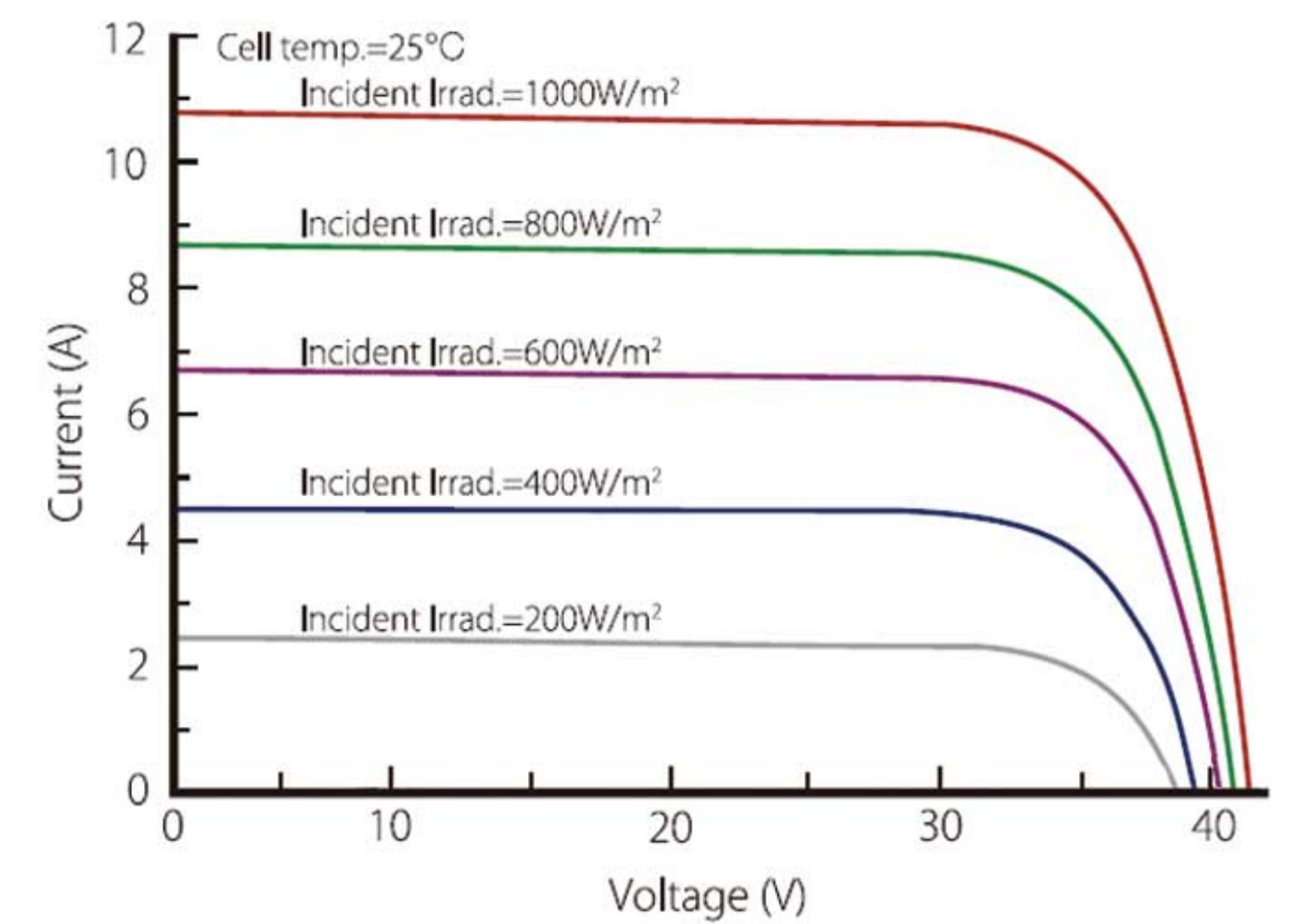
MECHANICAL DATA		
Cell Type		Mono-Crystalline, 166*83mm
Cell Arrangement		120pcs (2(6*10))
Dimension (L*W*H)		1755 x 1038 x 35 mm
Weight		19.5kg
Front Cover		3.2mm Tempered Glass
Frame		Anodized Aluminium Alloy
Junction Box		IP68, 3 Bypass Diodes
Cable Type		4mm <sup>2</sup>
Length of Cable		1160mm
Connector		SUZHOU UKT PV-C O02 made in china

OPTIONAL		
Frame		□ Black
Backsheet		□ Black
Connector		/
Cable		□ 300mm □ 1160mm
Module Size		□ Customized

PACKING MANNER		
Packing Type		40'HQ
Piece/Pallet		30
Piece/Container		780

\*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.

Current-Voltage Curve under different irradiance



Current-Voltage Curve under different working temperatures

