

# CLASSIC™



## ECO-370-390M-72LHC-DGBF(TOPCON)

# BIFACIAL SOLAR MODULE

### M10 182mm

### 33% transparent zone

### TOPCON



**30 YEARS**  
PRODUCT MATERIAL &  
WORKMANSHIP

**30 YEARS 87.4%**  
LINEAR PERFORMANCE  
WARRANTY

INNOVATIONAL  
SMBB AND  
HALF-CUT CELLS  
TECHNOLOGY

REDUCE  
INTERNAL LOSS  
REDUCE  
SHADOW LOSS

N TYPE  
TOPCON CELL  
TECHNOLOGY  
EXCELLENT CELL  
EFFICIENCY AND OUTPUT

PASSED THREE  
TIMES IEC  
STANDARD TEST

ADVANCED  
BIFACIAL  
EFFICIENCY

# ECO DELTA Mono TOPCON Half-cut Cell Double-glass-bifacial PV Module



## ECO-370-390M-72LHC-DGBF(TOPCON)

ELECTRICAL DATA @ STC		ECO-370M-72 LHC-DGBF	ECO-380M-72 LHC-DGBF	ECO-390M-72 LHC-DGBF
Peak Power(Pmax)	(W)	370	380	390
Maximum Power Voltage (Vmp)	(V)	27.79	28.17	28.56
Maximum Power Current(Imp)	(A)	13.32	13.49	13.66
Open-circuit Voltage (Voc)	(V)	33.34	33.74	34.14
Short-circuit Current(Isc)	(A)	14.17	14.29	14.41
Module Efficiency	(%)	14.32	14.71	15.10
Operating Temperature		-40°C~+85°C		
Maximum System Voltage		1500V		
Maximum Series Fuse Rating		30A		
Mechanical Test Load		Front 5400Pa Rear 2400Pa		

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

ELECTRICAL DATA @ NMOT		ECO-370M-72 LHC-DGBF	ECO-380M-72 LHC-DGBF	ECO-390M-72 LHC-DGBF
Peak Power(Pmax)	(W)	281	289	297
MPP Voltage (Vmp)	(V)	26.48	26.76	27.04
MPP Current(Imp)	(A)	10.61	10.80	10.99
Open Circuit Voltage (Voc)	(V)	31.56	31.75	31.94
Short Circuit Current(Isc)	(A)	11.47	11.77	12.07

\*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	-0.29%/°C
Temperature coefficient of Voc	-0.25%/°C
Temperature coefficient of Isc	0.045%/°C
NMOT	45±2°C

### MECHANICAL DATA

Cell Type	Mono-Crystalline TOPCON
Cell Arrangement	144pcs (2(6×12))
Dimension (L×W×H)	2278 x 1134 x 30 mm
Weight	32.2kg
Front Cover	2.0mm high transmittance, AR coated tempered glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Cable Type	4mm <sup>2</sup>
Length of Cable	1400mm
Connector	Compatible with MC4 PV Connector

### OPTIONAL

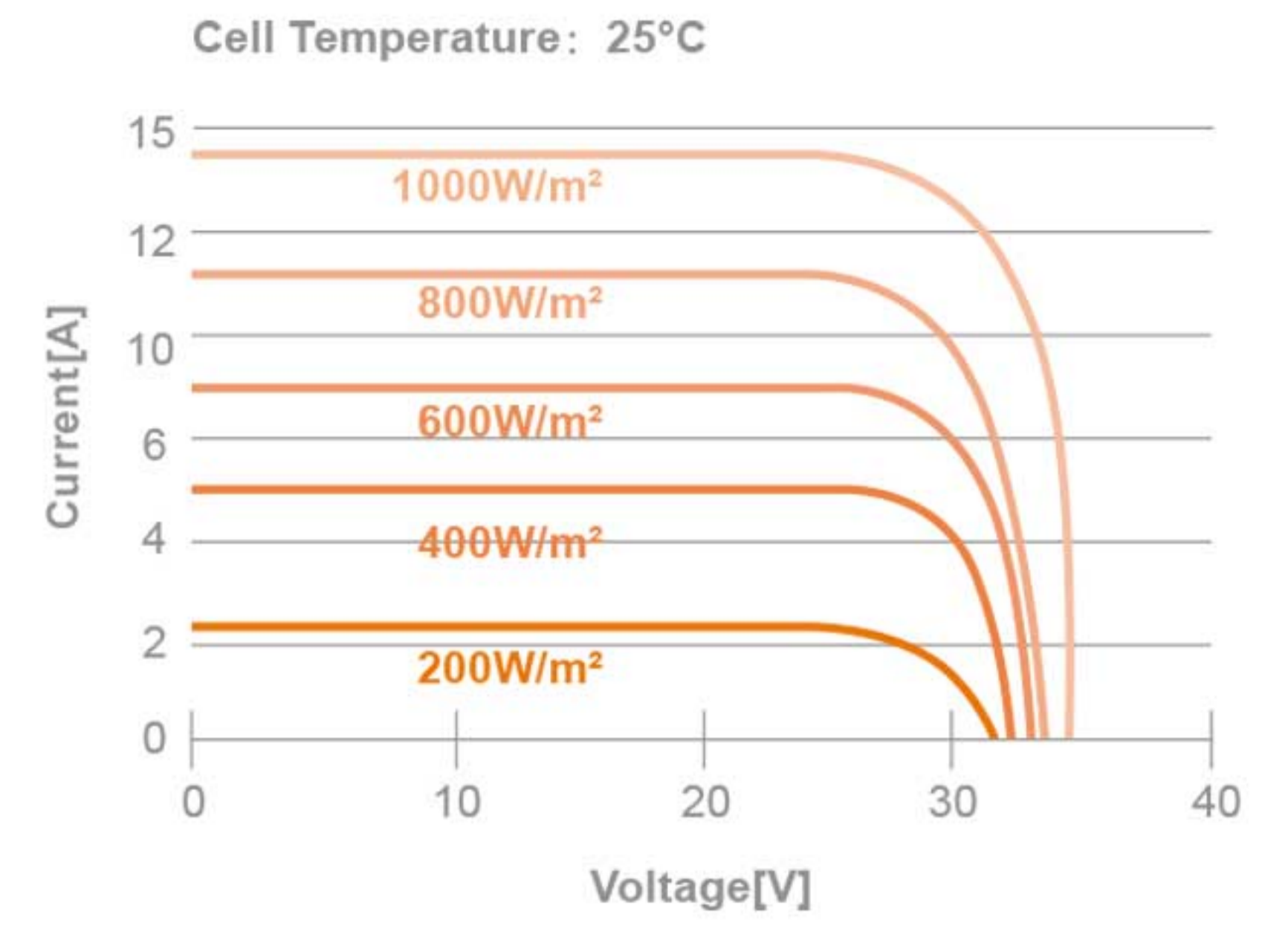
Frame	<input type="checkbox"/> Black <input type="checkbox"/> Silvery
Backsheet	2.0mm heat strengthened glass
Connector	<input type="checkbox"/> Original MC4
Cable	<input type="checkbox"/> Customized
Module Size	<input type="checkbox"/> Customized

### PACKING MANNER

Packing Type	40'HQ
Piece/Pallet	36
Piece/Container	720

\*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

