

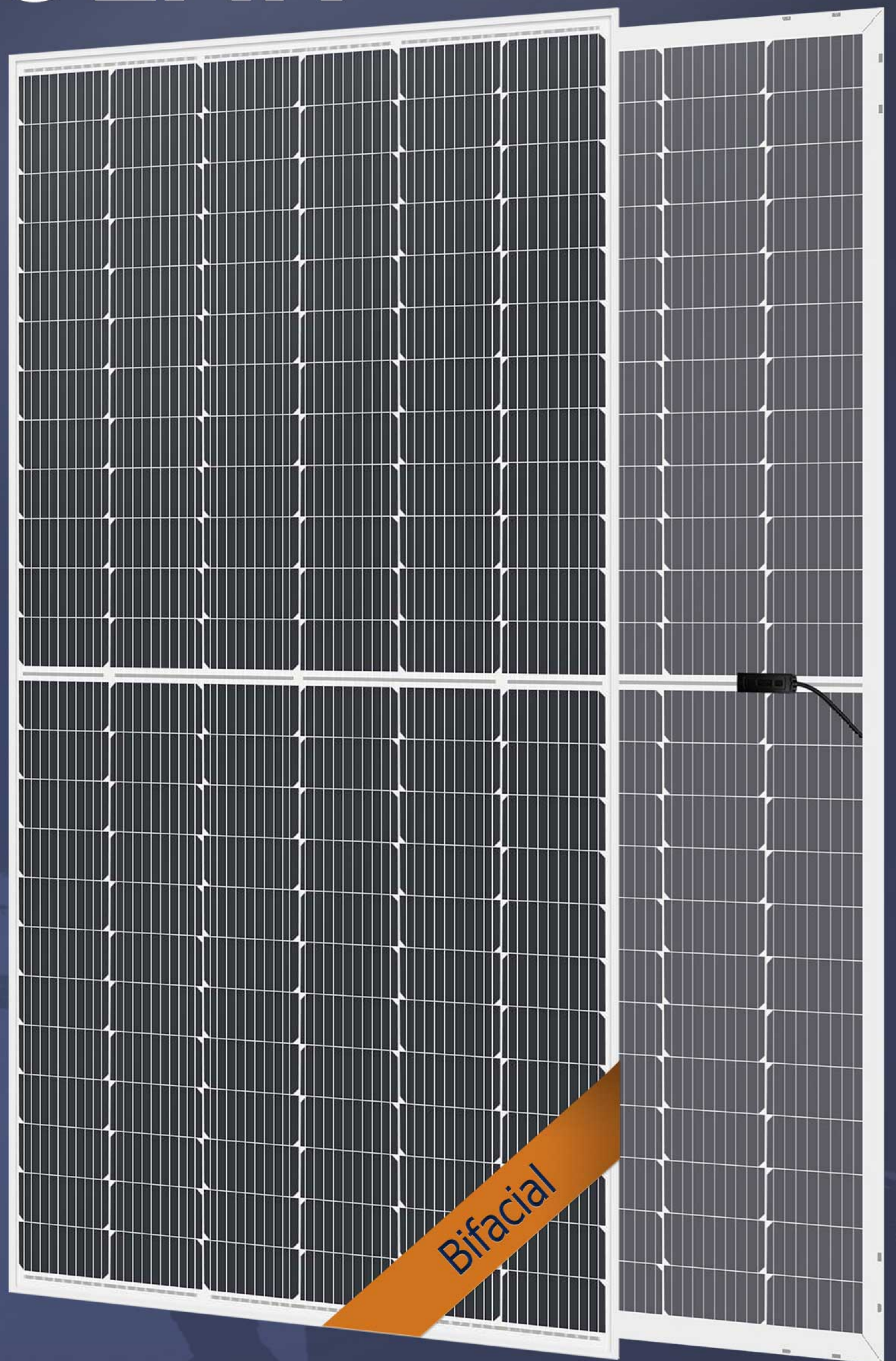
HJT™



ECO-480M-78S(HJT)

BIFACIAL SOLAR MODULE

M6 166mm



12 YEARS
PRODUCT MATERIAL &
WORKMANSHIP

25 YEARS 84.8%
LINEAR PERFORMANCE
WARRANTY

INNOVATIONAL
MBB AND
HALF-CUT CELLS
TECHNOLOGY

REDUCE
INTERNAL LOSS
REDUCE
SHADOW LOSS

HJT CELL
TECHNOLOGY
EXCELLENT CELL
EFFICIENCY AND OUTPUT

PASSED THREE
TIMES IEC
STANDARD TEST

PASSED HAIL
TEST (ICE BALL
SIZE : d=45mm)

ECO DELTA Mono HJT 166 Half-cut Cell Double-glass-bifacial PV Module



ECO-480M-78S(HJT)

ELECTRICAL DATA @ STC		ECO-480M-78S (HJT)
Peak Power(Pmax)	(W)	480
Maximum Power Voltage (Vmp)	(V)	46.08
Maximum Power Current(Imp)	(A)	10.43
Open-circuit Voltage (Voc)	(V)	53.74
Short-circuit Current(Isc)	(A)	10.82
Module Efficiency	(%)	22.10
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/ m² , Module Temperature 25°C, AM 1.5

BIFACIAL OUTPUT-BACKSIDE POWER GAIN(10%)		ECO-480M-78S (HJT)
Peak Power(Pmax)	(W)	530
MPP Voltage (Vmp)	(V)	47.00
MPP Current(Imp)	(A)	11.69
Open Circuit Voltage (Voc)	(V)	56.53
Short Circuit Current(Isc)	(A)	11.69

*STC (Standard Test Condition): Irradiance 1000W/ m² , Module Temperature 25°C, AM 1.5

TEMPERATURE CHARACTERISTICS	
Temperature coefficient of Pmax	-0.26%/k
Temperature coefficient of Voc	-0.24%/k
Temperature coefficient of Isc	0.04%/k
NMOT	44±2°C

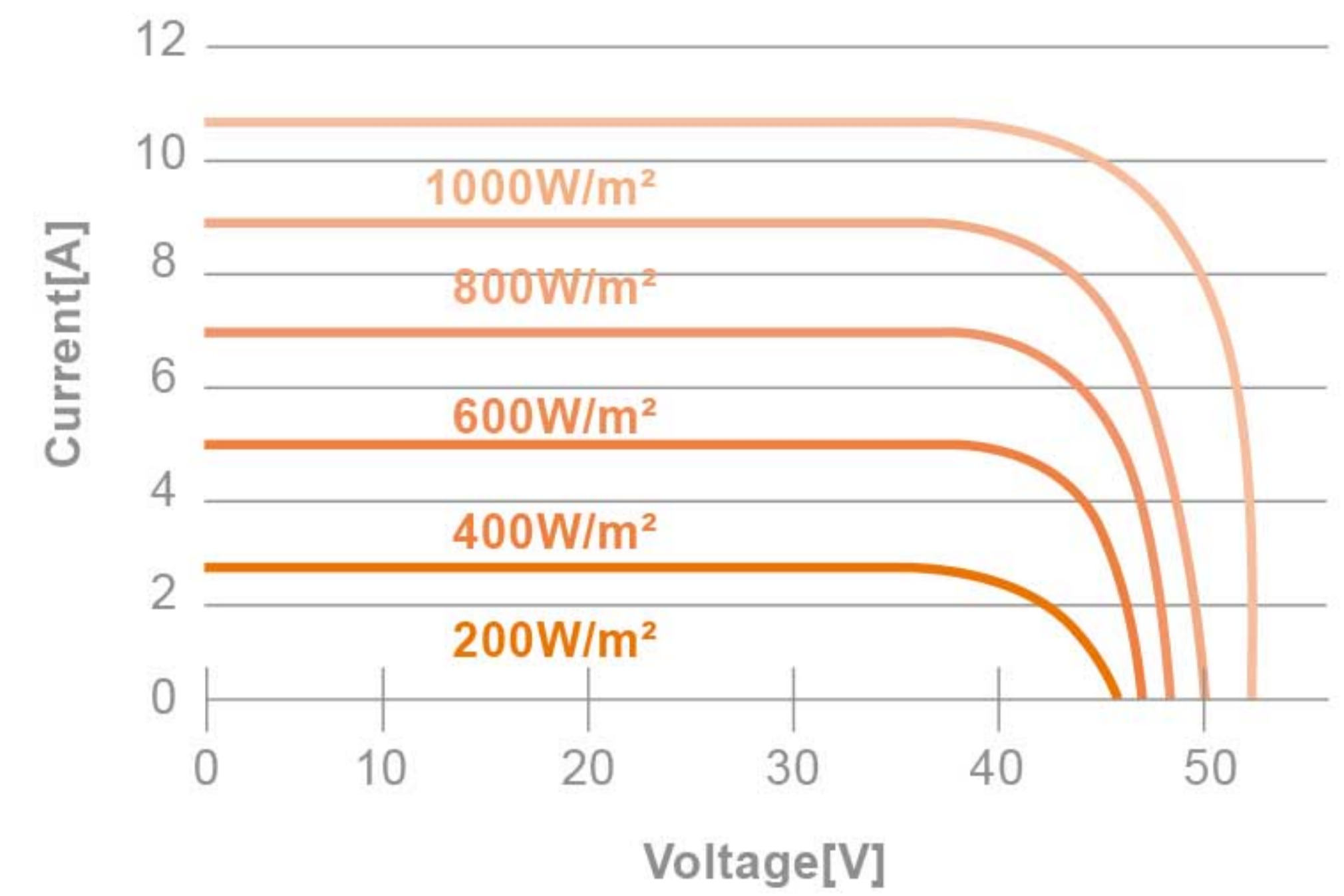
MECHANICAL DATA	
Cell Type	Mono-Crystalline, 166*83mm
Cell Arrangement	144pcs (2(6*12))
Dimension (L*W*H)	2094 x 1038 x 30 mm
Weight	27.5kg
Front Cover	2mm Tempered Glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Cable Type	4mm ²
Length of Cable	1200mm
Connector	PV Connector

OPTIONAL	
Frame	□Black
Backsheet	□2mm Transparent Glass
Connector	□Original MC4
Cable	□400mm □1200mm
Module Size	□Customized

PACKING MANNER	
Packing Type	40'HQ
Piece/Pallet	36
Piece/Container	792

*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
Cell Temperature: 25°C



Current-Voltage Curve under different working temperatures
AM1.5 1000W/m²

