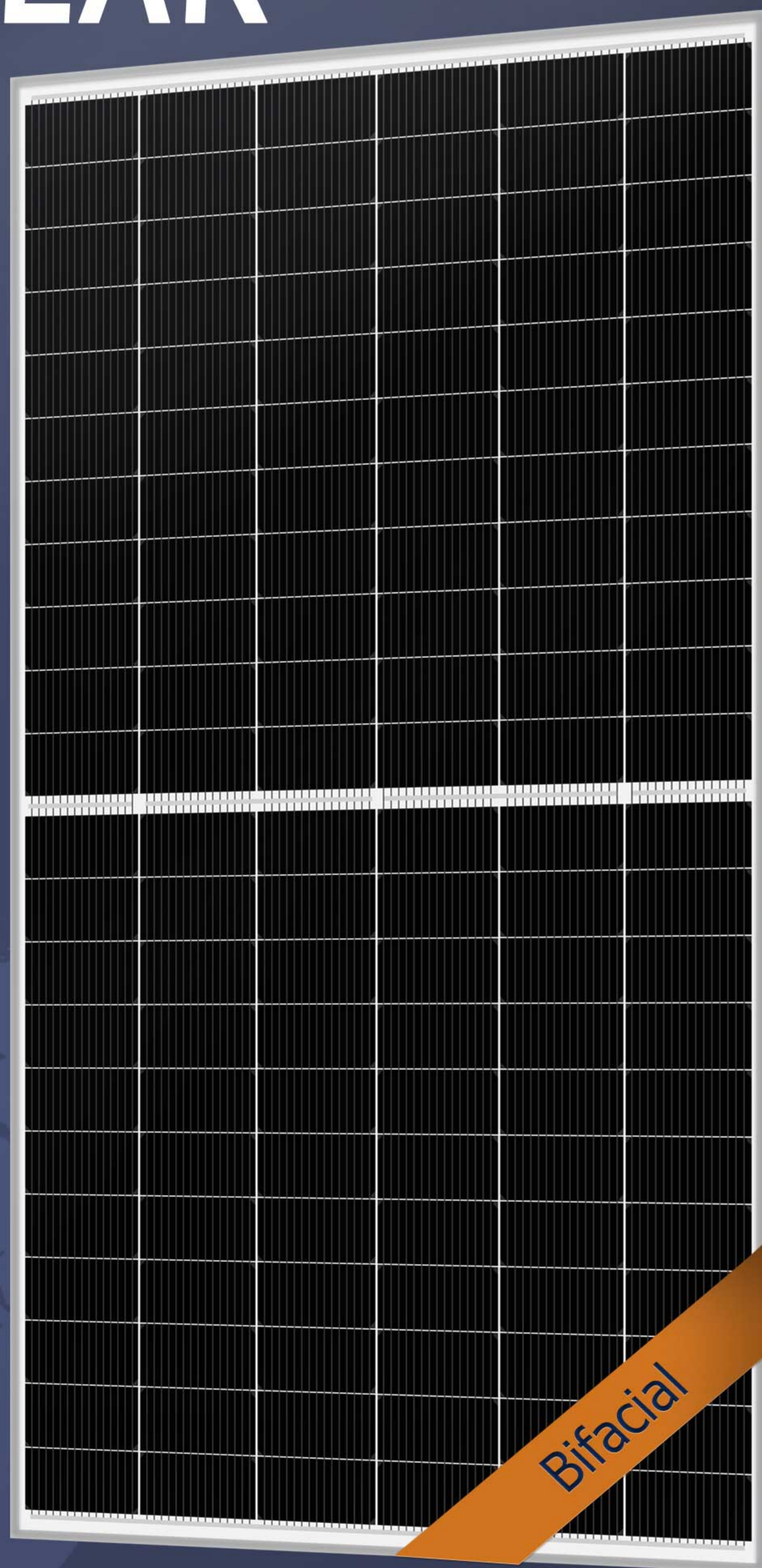


CLASSIC™



ECO-700-720M-66UHC-DGBF(HJT)

BIFACIAL SOLAR MODULE G12 210mm HJT



30 YEARS
PRODUCT MATERIAL &
WORKMANSHIP

30 YEARS 90.3%
LINEAR PERFORMANCE
WARRANTY

Advanced HJT
cell/module design,
higher reliability and
outstanding perfor-
mance

Excellent weak
light performance
and lower
temperature
coefficient

Higher Perfor-
mance
LCOE and
improved ROI
High Energy Yield

Passed three
times IEC
standard test

Passed hail test
(ice ball
size:d=25mm)

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



ECO-700-720M-66UHC-DGBF(HJT)

ELECTRICAL DATA @ STC		ECO-700M-66 UHC-DGBF	ECO-705M-66 UHC-DGBF	ECO-710M-66 UHC-DGBF	ECO-715M-66 UHC-DGBF	ECO-720M-66 UHC-DGBF
Peak Power(Pmax)	(W)	700	705	710	715	720
Maximum Power Voltage (Vmp)	(V)	42.53	42.68	42.82	42.97	43.11
Maximum Power Current(Imp)	(A)	16.46	16.52	16.58	16.64	16.70
Open-circuit Voltage (Voc)	(V)	49.83	49.98	50.14	50.30	50.46
Short-circuit Current(Isc)	(A)	17.33	17.39	17.45	17.51	17.57
Module Efficiency	(%)	22.5	22.7	22.9	23.0	23.2
Operating Temperature		-40°C~+85°C				
Maximum System Voltage		1500V				
Maximum Series Fuse Rating		35A				
Mechanical Test Load		Front 5400Pa Rear 2400Pa				

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

ELECTRICAL DATA @ NMOT		ECO-700M-66 LHC-DGBF	ECO-705M-66 LHC-DGBF	ECO-710M-66 LHC-DGBF	ECO-715M-66 LHC-DGBF	ECO-720M-66 LHC-DGBF
Peak Power(Pmax)	(W)	592	596	601	605	609
MPP Voltage (Vmp)	(V)	40.97	41.08	41.25	41.35	41.46
MPP Current(Imp)	(A)	14.45	14.51	14.57	14.63	14.69
Open Circuit Voltage (Voc)	(V)	47.91	48.07	48.23	48.39	48.54
Short Circuit Current(Isc)	(A)	15.29	15.35	15.41	15.47	15.53

*Under Nominal Module Operating Temperature (NMOT), Irradiance of 800W/ m², Spectrum AM 1.5, Ambient Temperature 20°C, Wind Speed 1m/s

TEMPERATURE CHARACTERISTICS

Temperature coefficient of Pmax	-0.26%/°C
Temperature coefficient of Voc	-0.24%/°C
Temperature coefficient of Isc	0.033%/°C
NMOT	43±2°C

MECHANICAL DATA

Cell Type	Mono-Crystalline HJT
Cell Arrangement	132pcs (2(6×11))
Dimension (L×W×H)	2384 x1303 x 35 mm
Weight	38kg
Front Cover	2.0+2.0mm high transmittance, AR coated tempered glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68, 3 Bypass Diodes
Cable Type	4mm ²
Length of Cable	1400mm
Connector	Compatible with MC4 PV Connector

OPTIONAL

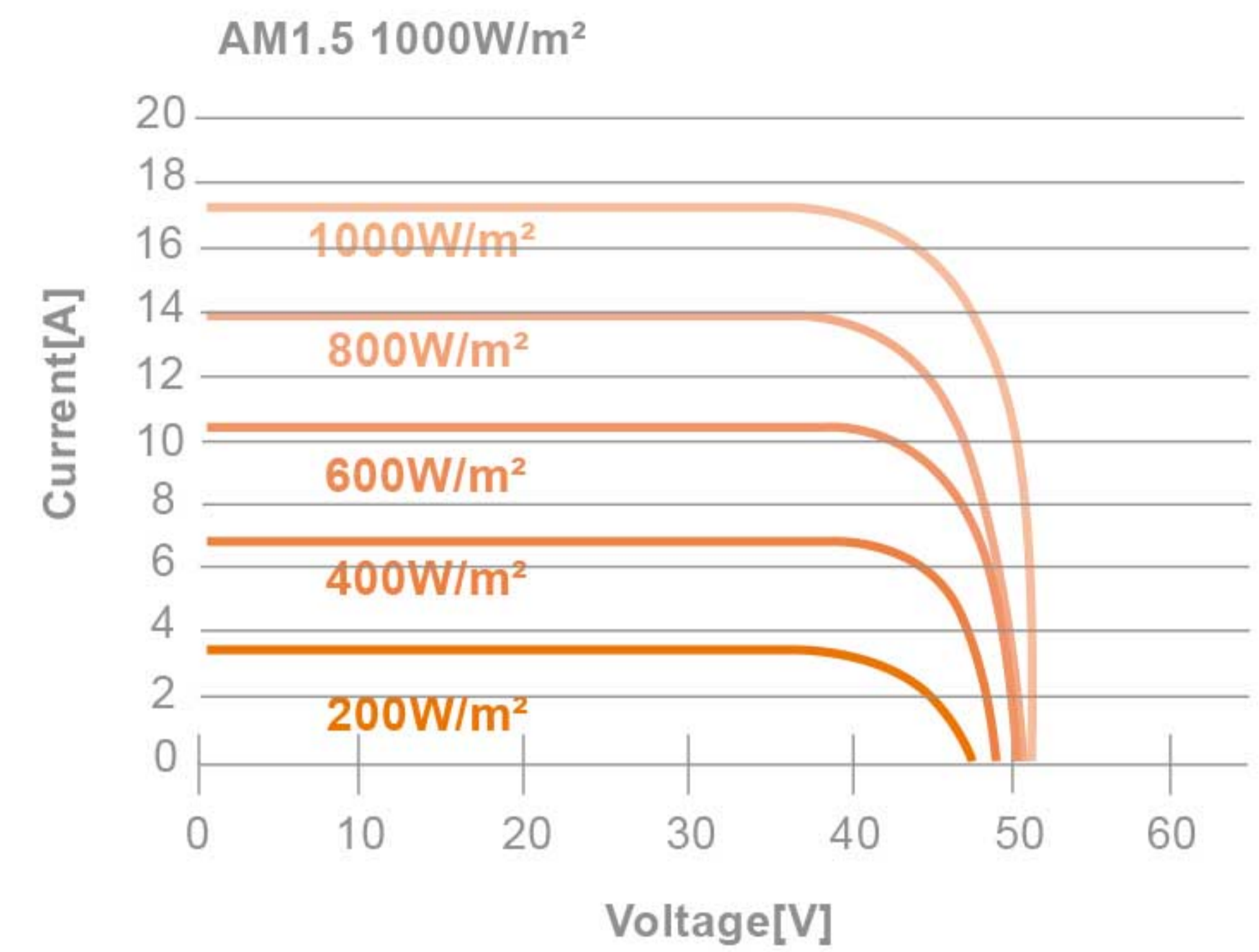
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Backsheet	/
Connector	<input type="checkbox"/> Original MC4
Cable	<input type="checkbox"/> Customized
Module Size	<input type="checkbox"/> Customized

PACKING MANNER

Packing Type	40'HQ
Piece/Pallet	31
Piece/Container	558

*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

