

FLEXIBLE™



ECO-185M-32EF(IBC)

PHOTOVOLTAIC ULTRA LIGHT MODULE

IBC

M6 166mm



10 YEARS
PRODUCT MATERIAL &
WORKMANSHIP

25 YEARS 90.1%
LINEAR PERFORMANCE
WARRANTY

BENDING RADIUS
REACH 0.3M
FIT ALL KINDS OF
CURVED SUR-
FACE PERFECTLY

EFFICIENT AND
ELEGANT IBC
CELL
CUSTOMIZED
DESIGN

SAFETY AND
HIGH QUALITY
ASSURANCE

70% LIGHTER
THAN CONVEN-
TIONAL GLASS-
MODULES

EASY INSTALLA-
TION
COST REDUCED
BY ABOUT 50%

ECO DELTA IBC ULTRA LIGHT PV Module



ECO-185M-32EF(IBC)

ELECTRICAL DATA @ STC

ELECTRICAL DATA @ STC		ECO-185M-32EF(IBC)
Peak Power(Pmax)	(W)	185
Maximum Power Voltage (Vmp)	(V)	37.9
Maximum Power Current(Imp)	(A)	4.89
Open-circuit Voltage (Voc)	(V)	44.4
Short-circuit Current(Isc)	(A)	5.22
Module Efficiency	(%)	18.9
Operating Temperature		-40°C~+85°C
Maximum System Voltage		□1000V
Maximum Series Fuse Rating		20A
Power Tolerance		0~+3%

*STC (Standard Test Condition): Irradiance 1000W/ m² , 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	64pcs (4*16)
Dimension (L*W*H)	1396 x 700 x 3mm
Weight	3kg
Front Cover	Fluorine composite
Frame	/
Junction Box	IP68, 3 Bypass Diodes
Cable Type	4mm ²
Length of Cable	300mm
Connector	Compatible with MC4 PV Connector

OPTIONAL

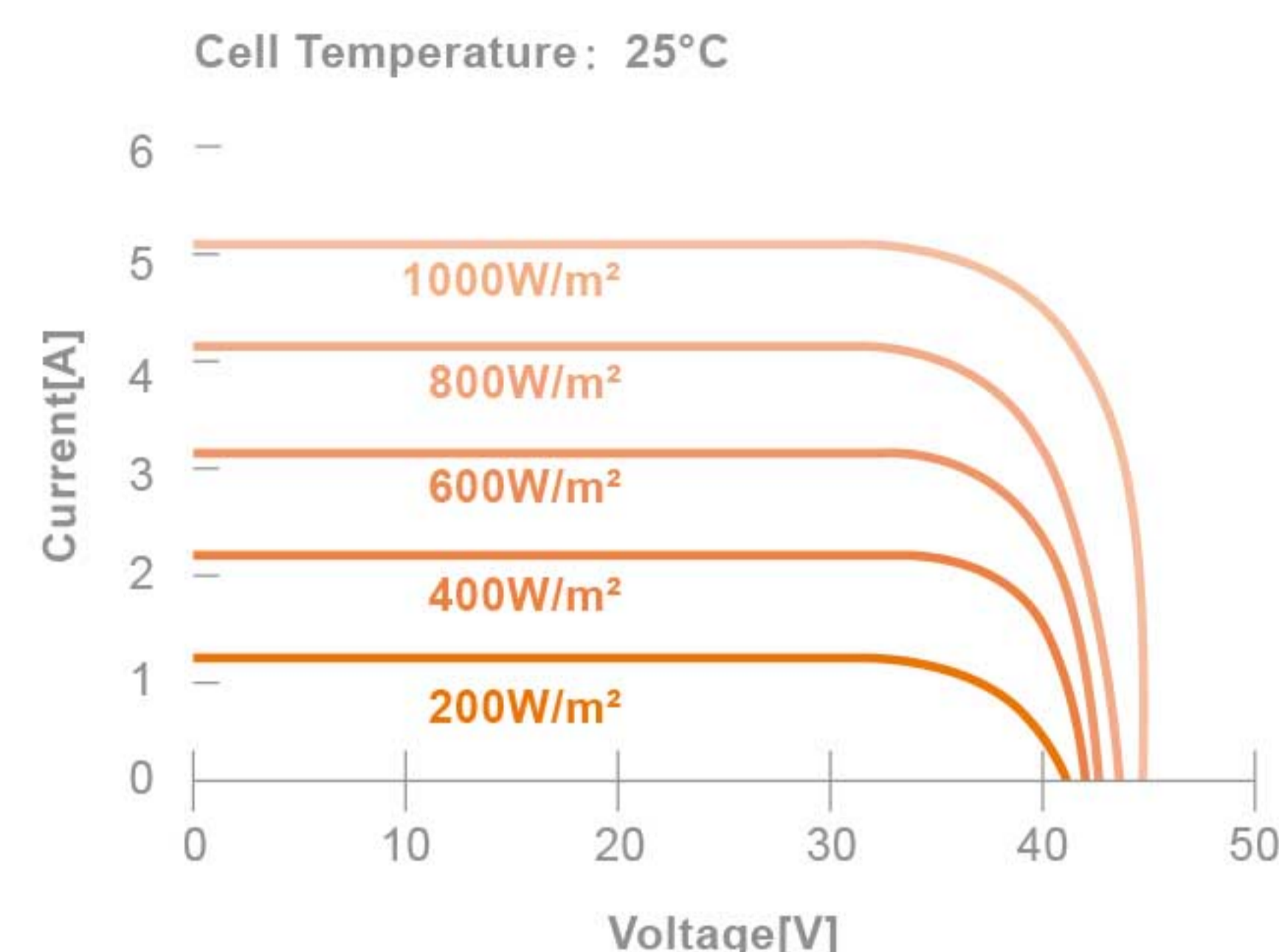
Frame	/
Backsheet	□Black □White
Connector	□Original MC4
Cable	□Customized
Module Size	□Customized

PACKING MANNER

Packing Type	40'HQ
Piece/Pallet	62
Piece/Container	1736

*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

