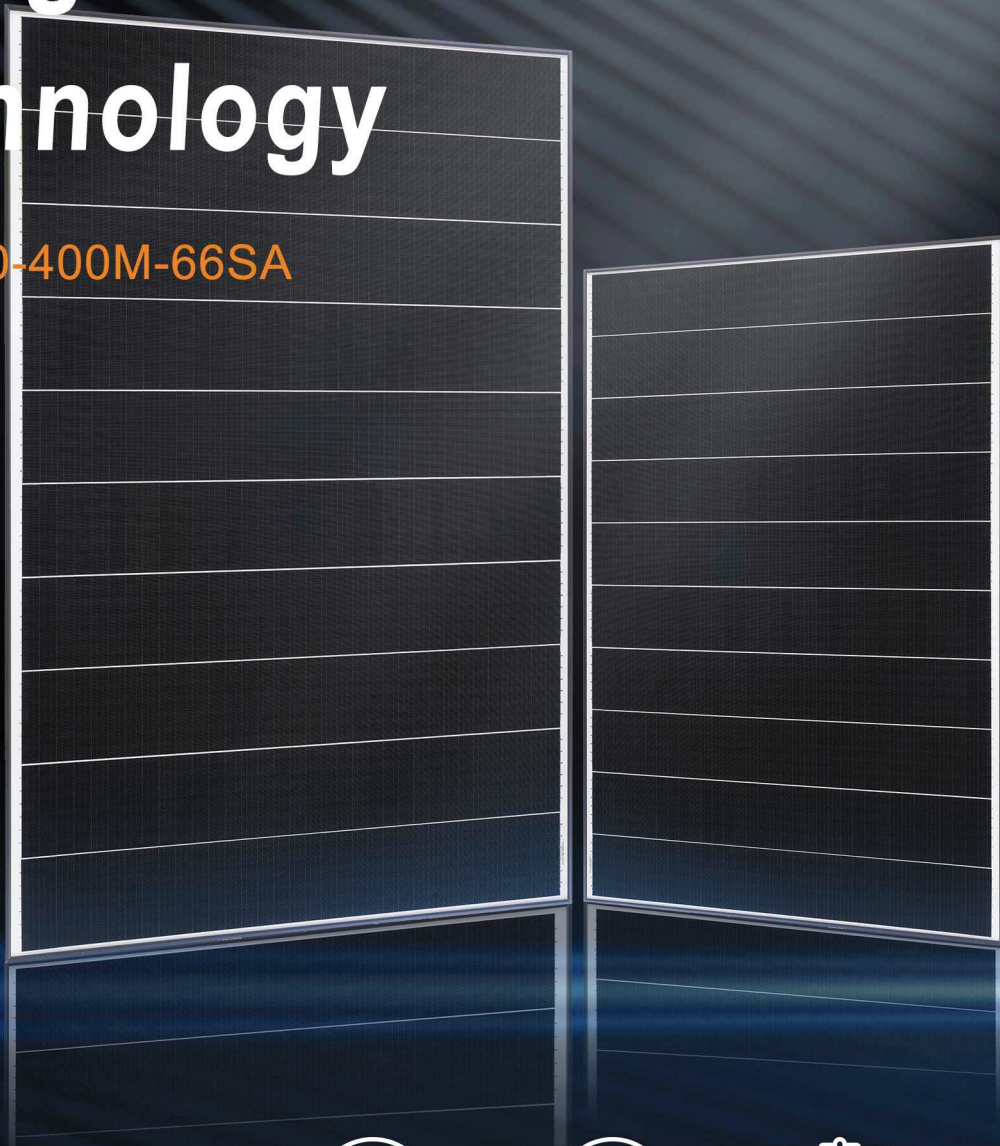


# Newborn with Shingled module Technology

ECO-380-400M-66SA



**15 YEARS**

PRODUCT MATERIAL &  
WORKMANSHIP

**25 YEARS 84.8%**

LINEAR PERFORMANCE  
WARRANTY

INNOVATIONAL  
SHINGLED  
MODULE  
TECHNOLOGY

REDUCE SHADOW  
LOSS **UP TO 35%**  
COMPARING WITH  
CONVENTIONAL  
HALF CUT MODULE

REDUCE  
INTERNAL  
MISMATCH  
LOSS

PASSED THREE  
TIMES IEC  
**STANDARD TEST**

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

# ECO DELTA High Efficiency Mono SHINGLED MODULE



## ECO-380-400M-66SA

ELECTRICAL DATA @ STC		ECO-380M-66 SA	ECO-385M-66 SA	ECO-390M-66 SA	ECO-395M-66 SA	ECO-400M-66 SA
Peak Power(Pmax)	(W)	380	385	390	395	400
Maximum Power Voltage (Vmp)	(V)	40.60	40.80	40.80	40.90	41.00
Maximum Power Current(Imp)	(A)	9.36	9.44	9.56	9.66	9.76
Open-circuit Voltage (Voc)	(V)	49.10	49.30	49.30	49.40	49.50
Short-circuit Current(Isc)	(A)	9.93	9.98	10.03	10.07	10.12
Module Efficiency	(%)	20.30	20.50	20.80	21.10	21.30
Operating Temperature		-40°C~+85°C				
Maximum System Voltage		□1500V				
Maximum Series Fuse Rating		20A				
Power Tolerance		0~5W				

\*STC (Standard Test Condition): Irradiance 1000W/ m<sup>2</sup>, Module Temperature 25°C, AM 1.5  
 \*Performance deviation of Voc [V], Isc [A], Vm [V] and Im [A] : ±3%

ELECTRICAL DATA @ NMOT		ECO-380M-66 SA	ECO-385M-66 SA	ECO-390M-66 SA	ECO-395M-66 SA	ECO-400M-66 SA
Peak Power(Pmax)	(W)	286	290	294	297	301
MPP Voltage (Vmp)	(V)	38.70	38.90	38.90	39.00	39.10
MPP Current(Imp)	(A)	7.39	7.45	7.55	7.63	7.71
Open Circuit Voltage (Voc)	(V)	46.80	47.00	47.00	47.10	47.20
Short Circuit Current(Isc)	(A)	8.00	8.04	8.08	8.11	8.15

\*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		-0.34%
Temperature coefficient of Voc		-0.27%
Temperature coefficient of Isc		0.04%
NMOT		42±2°C

### MECHANICAL DATA

Cell Type		Mono, 158.75*31.75mm cut 1/5
Cell Arrangement		360pcs (1/5, 158.75)
Dimension (L×W×H)		1646 x 1140 x 30 mm
Weight		20kg
Front Cover		3.2mm Tempered Glass
Frame		Anodized Aluminium Alloy
Junction Box		IP68, 2 Bypass Diodes
Cable Type		4mm <sup>2</sup>
Length of Cable		1200mm
Connector		PV Connector

### OPTIONAL

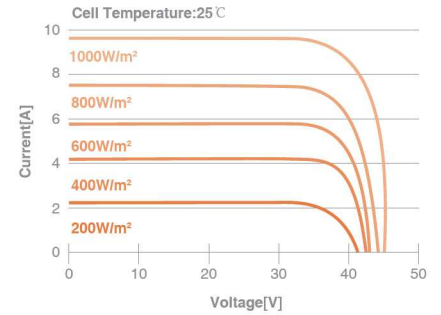
Frame		□Black
Backsheet		□Black
Connector		□Original MC4
Cable		□Customized
Junction Box		□Customized

### PACKING MANNER

Packing Type		40'HQ
Piece/Pallet		36
Piece/Container		1008

\*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

