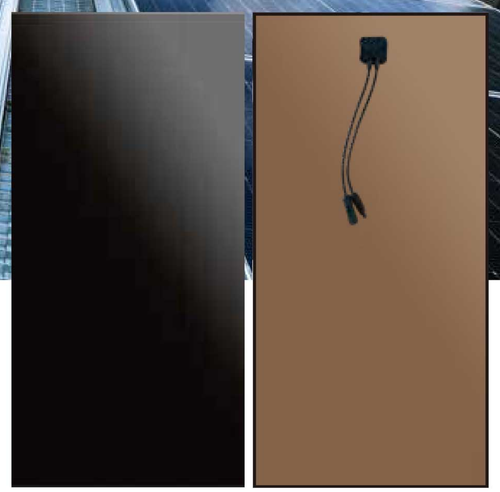
PEROVSKITE MODULE

ECO DELTA

Standard Perovskite Module



ECO-M072BZ-***

Building-integrated aesthetics

Lower factory carbon emissions

Superior low-light power generation performance
Outstanding shading tolerance

Widely applicable in distributed commercial rooftops and ground-mounted power stations

Enhanced anti-PID performance
Hotspot-free performance
Microcrack-free guarantee

TÜV CQC c UL us LISTED SGS JP-AC

ELECTRICAL DATA @ STC

Maximum Power (Pmax /W)	110	115	120	125	130	135	140
Module Efficiency /%	15.3	16.0	16.7	17.4	18.1	18.8	19.4
Voltage at Maximum Power (Vmpp/V)	78.11	80.08	81.63	83.33	84.97	87.10	89.17
Current at Maximum Power (Impp/A)	1.41	1.44	1.47	1.50	1.53	1.55	1.57
Open Circuit Voltage (Voc /V)	100.21	100.94	101.58	102.69	103.86	105.23	106.79
Short Circuit Current (Isc /A)	1.59	1.61	1.63	1.65	1.66	1.67	1.69

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

ELECTRICAL DATA @ NMOT

Maximum Power (Pmax /W)	82.7	86.5	90.2	94.00	97.80	101.5	105.3
Voltage at Maximum Power (Vmpp/V)	80.00	80.58	81.09	81.98	82.91	84.00	85.25
Current at Maximum Power (Impp/A)	1.03	1.07	1.11	1.15	1.18	1.21	1.23
Open Circuit Voltage (Voc /V)	95.20	95.89	96.50	97.56	98.67	99.97	101.45
Short Circuit Current (Isc /A)	1.27	1.29	1.30	1.32	1.33	1.34	1.35

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

Temperature Coefficient (STC)

Temperature Coefficient of Pmax	-0.110%/°C
Temperature Coefficient of Voc	-0.101%/°C
Temperature Coefficient of Isc	-0.039%/°C

Operational Parameters

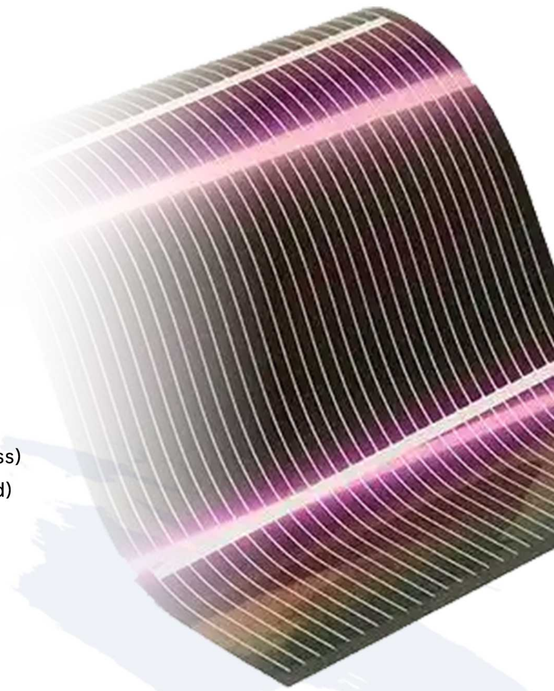
Maximum System Voltage	1500V
Operating Temperature	-40°C~85°C
Number of Diodes	1
Protection Grade	IP68
Maximum Series Fuse Rating	4A

Mechanical Parameters

Dimension	1200*600*7mm
Battery Type	Perovskite (Thin film)
Size	0.72m²
Product Layer	3.2mm PVK+POE+3.2mm glass
Cable Length	300 (-)mm/450 (+)mm
Mechanical Load	Front:2400Pa,Rear:2400Pa(Frameless)
	Front:5400Pa,Rear:2400Pa (Framed)

Package

Weight/Piece	12kg
Quantity Per Pallet	50pcs
Weight Per Pallet	650kg
Loading Capacity (40 feet container)	1700pcs
Loading Capacity (17.5M Truck)	2300pcs
Package Size	1300*1140*800mm



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