

36PCS 4*9 series '156*156mm' MONO SOLAR CELL

Unique Production Process Mono ETFE Flexible Solar Panel



LIGHTWEIGHT SOLAR PANEL

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LE SERIES



- 01 This series is our new coming hot sale products, which are designed and manufactured for extreme conditions, with a very special and unique but mature production process.
- 02 It is designed for 12v battery charging and for harsh environments where weight is a premium.
- 03 Suit for the place where will be fixed has a slight curve, ideal for Marine buoys, boat decks, camper vans etc.

Key Features

10 year
30 year

Long Warranty:

5 years for product

25 years for power output



High Efficiency:

High module conversion efficiency
innovative manufacturing technology.



Low-light Performance:

Advanced glass and solar cell surface texturing allow
for excellent performance in low-light environments.



Severe Weather Resilience:

Wind load up to 3800Pa/ snow load up to 5400Pa
Light weight, ultra thin



Durability against extreme environmental conditions:

High salt mist and ammonia corrosion resistance tests
passed

SPECIFICATIONS

Item No.	XXR-SFETFE M-170W	XXR-SF ETFE M-175W	XXR-SF ETFE M-180W	XXR-SF ETFE M-185W	XXR-SF ETFE M-190W	XXR-SF ETFE M-195W
Solar Panel Size(mm)	1455*660*3mm					
Solar Cell Size (mm)	156*156mm mono solar cell					
STC						
Max Power(Pmax)	170W	175w	180w	185w	190w	195w
Max Power Voltage(Vmp)	18V	18V	18V	18V	18V	18V
Max Power Current(Imp)	9.44A	9.72	10	10.27	10.55	10.83
Open Circuit Voltage(Voc)	21.24V	21.24	21.24	21.24	21.24	21.24
Short Circuit Current (Isc)	10.38A	10.69	11	11.3	11.61	11.92
Module Efficient STC (%)	19.5	20.0	20.4	20.6	20.8	21
Operating Temperature(°C)	-40°C ~+85°C					
Power tolerance	0~+3W					
Temperature coefficient of Pmax	-0.42%/°C					
Temperature coefficient of Voc	-0.32%/°C					
Temperature coefficient of Isc	0.05%/°C					
Nominal operating cell temperature(NOCT)	45 ± 2°C					

Mechanical Characteristics

Cell Type	MONO 156*156mm (6 inch)
Number of cells	36(4*9)pcs
Dimesion	14550*660*3mm
Weight	2.2KG
Junction Box	Waterproof IP67 Rated
Output Cables	TUV 1*4.0mm ² , Length: 900mm

