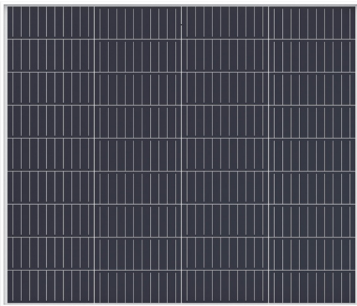


DH-PFM371-M120

120W Monocrystalline Silicon Solar Module



- Effectively saves energy, consuming no more than 120 W.
- Absorbs light and converts the energy of light into electricity in a balanced way using multiple busbar solar cells.
- Designed with high-quality glass and an etching treatment on the surface of the cells, the device remains stable in different environment.
- Built to be durable, the device can withstand extreme conditions such as places that are in high altitudes, or that have high salt density and low temperatures.
- Long lifespan of up to 25 years.

Technical Specification

Solar Panel

Type	Monocrystalline silicon
Max. Power	120 W
Output Voltage	19.6 V
Operating Current	6.12 A
Short Circuit Current	6.68 A
Open Circuit Voltage	23.78 V
Conversion Rate of Solar Panel Components	18.30%
Light Conversion Rate of Silicon Chips	≥21.6%
Max. Mechanical Load	Front side: 5400 Pa Rear side: 2400 Pa
Dielectric Strength	1000 V
Protection	IK07
Power-to-temperature Coefficient	-0.42%/K
Current-to-temperature Coefficient	0.04%/K
Voltage-to-temperature Coefficient	-0.3%/K
Main Body Material	Silicon; tempered glass; aluminium frame
Silicon Chip Size	78.75 mm × 210 mm (3.10" × 8.27") (L × W)
Silicon Chip Array	4 × 9

Port

Output Port	Compatible MC4 connector
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General

Product Dimensions	745 mm × 880 mm × 30 mm (29.33" × 34.65" × 1.18") (L × W × H)
Packaging Dimensions	919 mm × 784 mm × 146 mm (36.18" × 30.87" × 5.75") (L × W × H)
Packaging Method	2 pieces in each carton
Net Weight	6.5 kg (14.33 lb)
Gross Weight	25.1 kg (55.34 lb)

Environment

Operating Altitude	<3000 m (9842.52 ft)
Applicable Area	Locations with exposure to solar radiation for more than 3.5 hours per day
Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Operating Humidity	<95% (RH)
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Humidity	< 95% (RH)

Certifications

Certifications	CE:EN 61000-6-1,EN 61000-6-3 UKCA:EN 61000-6-1,EN 61000-6-3 FCC:47 CFR Part 15,Subpart B
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Ordering Information

Type	Model	Description
Solar Series	DH-PFM371-M120	120W Monocrystalline Silicon Solar Module

Dimensions (mm[inch])

