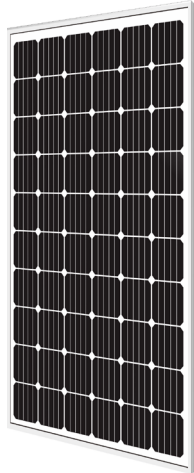


DH-PFM371-M275

Solar Panel



- Multi busbar solar cells, more steady current collection capability, effectively reducing losses
- 0 to +5W positive tolerance, generating more power for users
- Excellent performance in dim light environment with surface texturing technology of glass and solar cells
- 2400Pa wind load and 5400Pa snow load certification
- Applicable to various harsh environments such as high altitude, highly concentrated salt fog, and severe cold

Technical Specification

Function

Max. Power	275Wp
Max. Power Point Voltage	31.99Vdc
Max. Power Point Current	8.60A
Open Circuit Voltage	37.53Vdc
Short Circuit Current	8.92A
Solar Cell Efficiency	19.20%
Temperature Coefficient of Max. Power	-0.45%/°C
Temperature Coefficient of Open Circuit Voltage	-0.35%/°C
Temperature Coefficient of Short Circuit Current	0.053%/°C

General

Glass	3.2 mm, tempered glass with high transparency and low iron
Backsheet	White weatherproof backsheet
Sealing Material	Ethylene-vinyl acetate (EVA) with high transparency
Frame	Anodized aluminum alloy
Junction Box	IP67, with diode
Connector	MC4 compatible connector
Solar Cell Dimensions	Monocrystalline silicon, 156.8 mm × 156.8 mm (6.17" × 6.17")
Solar Cell Quantity	60 pcs
Cable Length	900.0 mm (35.43")

Cable Cross-sectional Area	4 mm ²
Max. Mechanical Load	Wind pressure: 2400Pa Snow pressure: 5400Pa
Product Dimensions	1640.0 mm × 992.0 mm × 35.0 mm (64.57" × 39.06" × 1.38")
Packaging Dimensions	1680.0 mm × 1030.0 mm × 100.0 mm (66.14" × 40.55" × 3.94")/2 pcs
Net Weight	17.5 kg (38.6 lb)/1 pc
Gross Weight	52.0 kg (114.6 lb)/2 pcs

Environment

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: EN61000-6-1, EN61000-6-3, EN61730-1, EN61730-2
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Package Information

DH-PFM371-M275 275W solar panel	2 pcs
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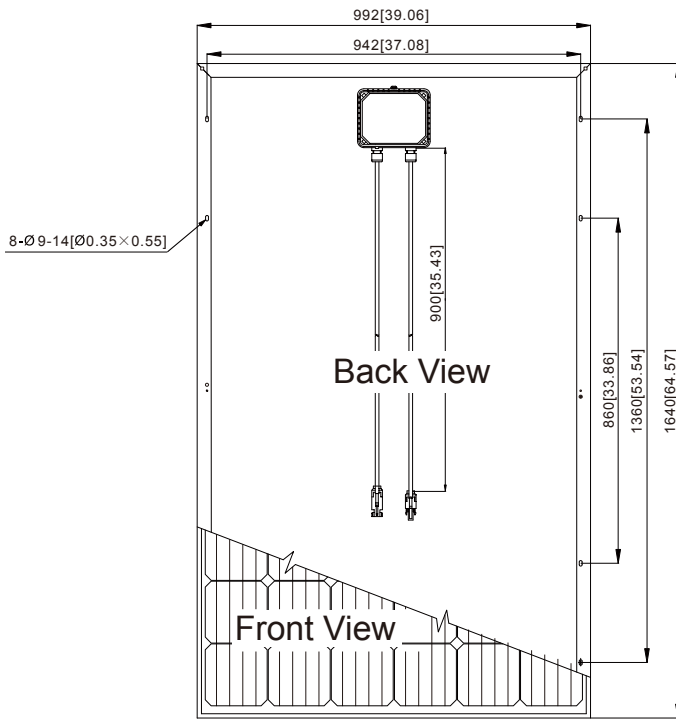
Ordering Information

Type	Model	Description
Solar Panel	DH-PFM371-M275	275W Monocrystalline Solar Panel

Application



Dimensions (mm[inch])



IV Curve

