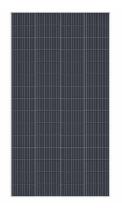


# DH-PFM371-M275

275W Monocrystalline Silicon Solar Module



# • Effectively saves energy, consuming no more than 275 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.

General

### **Technical Specification**

#### Solar Panel

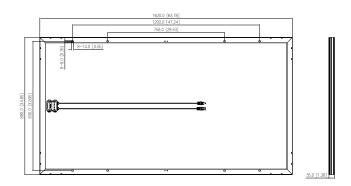
Туре	Monocrystalline silicon	
Max. Power	275 W	
Operating Voltage	32.66 V	
Operating Current	8.42 A	
Short Circuit Current	8.9 A	
Open Circuit Voltage	39.63 V	
Conversion Rate of Solar Panel Components	19.29%	
Light Conversion Rate of Silicon Chips	≥22%	
Max. Mechanical Load	Front side: 5400 Pa Rear 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%/К	
Main Body Material	Silicon; tempered glass; aluminium frame	
Silicon Chip Size	105 mm × 210 mm (4.13" × 8.27") (L × W)	
Silicon Chip Array	4 × 15	
Port		
Output Port	Compatible MC4 connector	

Product Dimensions	1620 mm × 880 mm × 35 mm (63.78" × 34.65" × 1.38") (L × W × H)	
Packaging Dimensions	1659 mm × 919 mm × 166 mm (65.31" × 36.18" × 6.54") (L × W × H)	
Packaging Method	2 pieces in each carton	
Net Weight	14 kg (30.86 lb)	
Gross Weight	49.5 kg (109.13 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	

# Solar Series | DH-PFM371-M275

Ordering Information			
Туре	Model	Description	
Solar Series	DH-PFM371-M275	275W Monocrystalline Silicon Solar Module	

## Dimensions (mm[inch])



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