

Introduction

Features

- high energy yields ensured by high conversion efficiency
- Sturdy, clear anodized aluminum frame with pre-drilled holes for quick installation
- Advanced EVA encapsulation with triple-layer backsheet, meets the most stringent safety requirements for high-voltage operation
- Reliable bypass diodes to prevent overheating (hot spot effect) and to minimise power loss by shading

Product Features



Efficient polycrystalline modules are suitable for residential, public application areas, and can be widely used in the roof and ground electric power station projects.



Applying the most advanced module manufacturing technology with high output power. The maximum conversion rate is up to 16.39%.



Using anti-reflection glass, not only increases the absorption of light, but also strengthens its self-cleaning function when the modules are in the water environment, which can effectively reduce the power loss caused by dust.



Excellent low-light electricity generation performance.

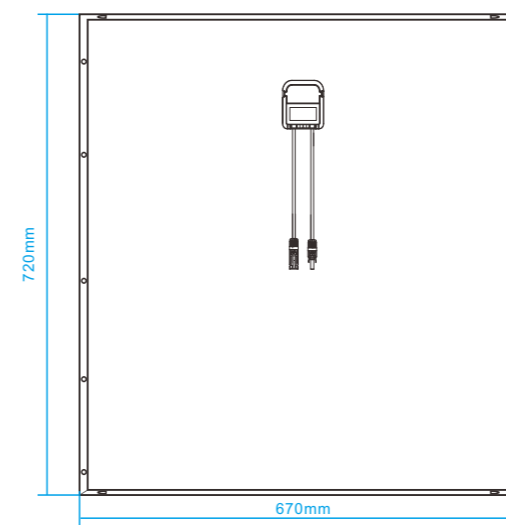


Modules with strong compression capability, able to withstand 2400 Pa wind pressure and 5400 Pa snow load.

Certification



Engineering Drawing

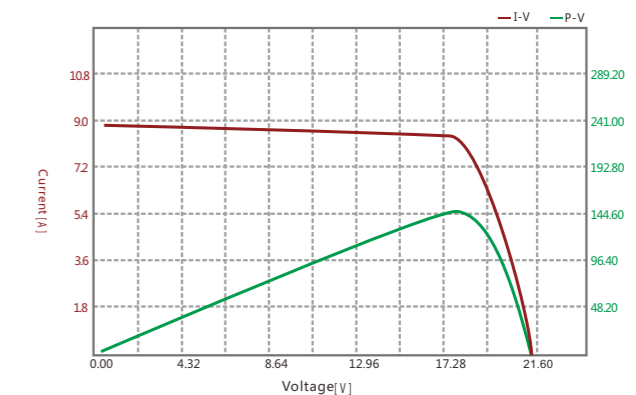


felicitysolar® Make life full of hope	
Peak Power(PMP)	70Wp
Production Tolerance	±3%
Open-Circuit Voltage(VOC)	21.6V
Maximum Power Current(IMP)	3.9A
Maximum Power Voltage(VMP)	18.0V
Short-Circuit Current(ISC)	4.1A
Maximum System Voltage	1000VDC
Cell Technology	MONOCRYSTALLINE SILICON
Size	670*720*18mm

Specifications

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I - V



Product parameters

Module Name	MONO M-70Wp
Cell area(mm)	125*125(mm)
Cell parallel	4*9
Ambient temp(°C)	25°C
Irradiance(W/)	1000(W/m ²)
Vmp(V)	18.00V
Power current(IMP)	3.90 A
Voc(V)	21.60V
Short circuit current	4.10A
Peak power	83.6Wp
F.F	75.7686
Module eff.(%)	17.6%
Est.series resistance(ohm)	0.1665Ω
V_Load(V)	19.8V