






FL-325W-MONO

Monocrystalline solar panel



Product Features

-  Efficient monocrystalline 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 16.62%.
-  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.

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

Certification



About US

Guangzhou Felicity Solar Technology Co., Ltd (hereinafter referred to as Felicity solar) is a company dedicated to developing photovoltaic high-tech products. Felicitysolar was founded in 2007, and its headquarters is located in Guangzhou, one of the important export cities in China.

Felicitysolar is a high-tech enterprise integrating R & D, production, sales, engineering design, installation and after-sales service. In the past 10 years, Felicitysolar uses advanced production equipment and production technology at home and abroad, concentrate on research, constant innovation, has formed its own unique characteristics of the technical advantages, product advantages and market advantages.

At present, our products have been exported to more than 100 countries and regions around the world, such as: African countries, Southeast Asia, the Middle East, and North America and South America, and has established a number of offices and subsidiaries at home and abroad. Felicitysolar will continue to focus on the popularity of solar energy storage system look into the future, adhering to the values of hard-working, innovation, focus and integrity, provide clean energy to the areas with insufficient power, and bright their life

Guangzhou Felicity Solar Technology Co., Ltd

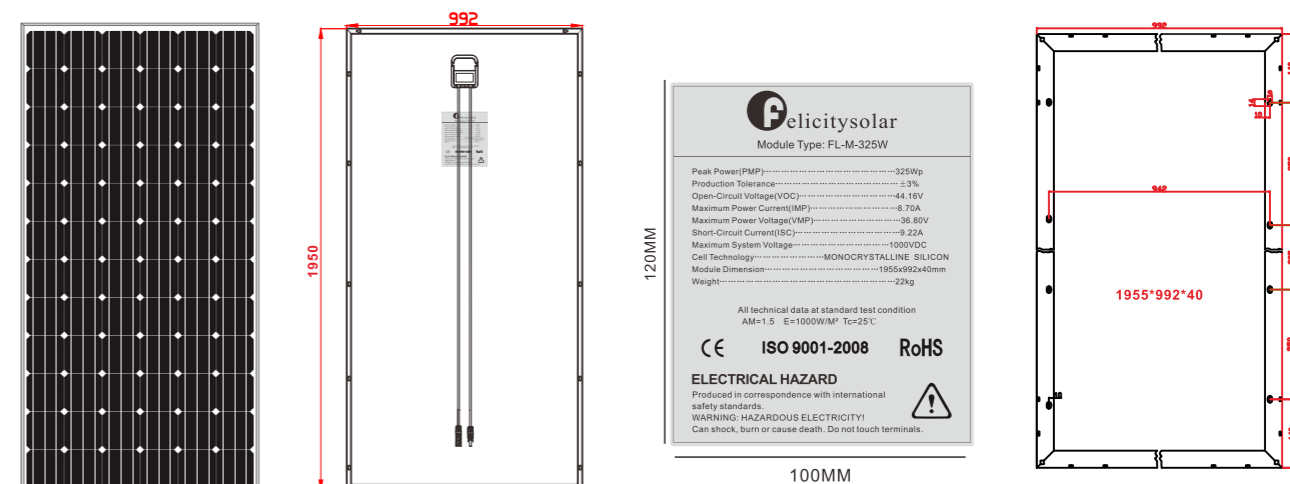
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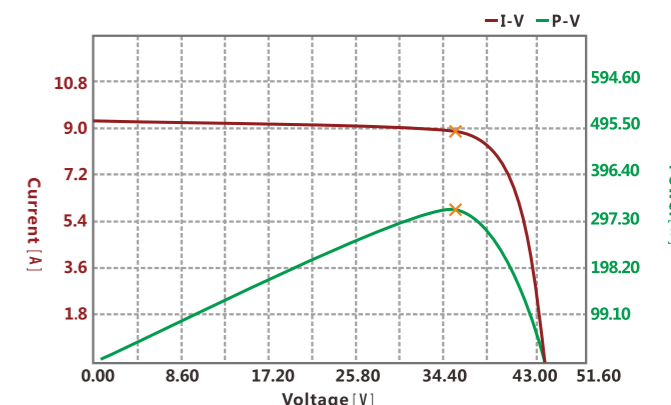
Engineering Drawing



Specifications

Peak Power(PMP).....	325Wp
Production Tolerance.....	±3%
Open-Circuit Voltage(VOC).....	44.16V
Maximum Power Current(IMP).....	8.70A
Maximum Power Voltage(VMP).....	36.80V
Short-Circuit Current(ISC).....	9.22A
Maximum System Voltage.....	1000VDC
Cell Technology.....	MONOCRYSTALLINE SILICON
Module Dimension.....	1955x992x40mm
Weight.....	22kg

I - V



Product parameters

Module.....	Mono
Name.....	FL-M-325Wp
Manufacturer.....	Felicitysolar
Cell area(mm).....	156*156(mm)
Cell parallel.....	12*6
Ambient temp(°C).....	25°C
Irradiance(W/m²).....	1000(W/m²)
Vmp(V).....	36.80V
Power current(IMP).....	8.7A
Voc(V).....	44.16V
Short circuit current.....	9.22A
Peak power.....	327.6Wp
F.F.....	78.3998
Module eff.(%).....	16.62%
Est.series resistance(ohm).....	0.1116
V_Load(V).....	37.00V