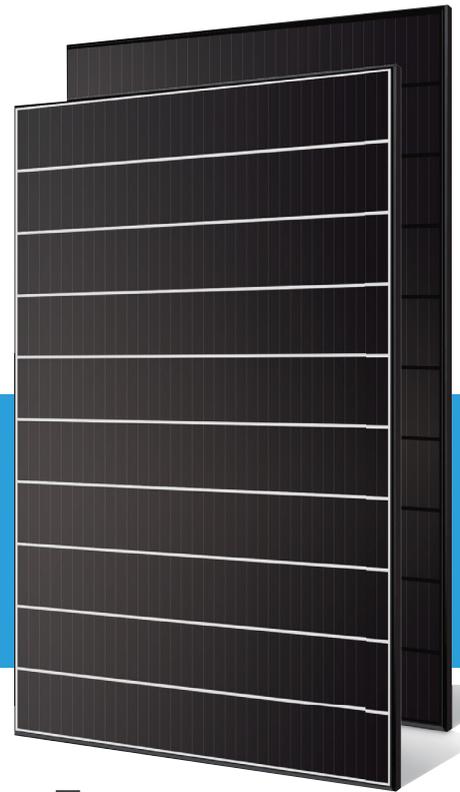


FGET SOLAR MODULE

PERC Shingled

FGET-S340 FGET-S345 FGET-S350 FGET-S355



Shingled Technology



For Both Residential & Commercial Applications



More Power Generation In Low Light



M6 PERC Shingled

M6 PERC Shingled Technology provides ultra-high efficiency with better performance in low irradiation. Maximizes installation capacity in limited space.



Anti-LID / PID

Both LID(Light Induced Degradation) and PID(Potential Induced Degradation) are strictly eliminated to ensure higher actual yield during lifetime.



Mechanical Strength

Tempered glass and reinforced frame design withstand rigorous weather conditions such as heavy snow and strong wind.



Reliable Warranty

Global brand with powerful financial strength provide reliable 25-year warranty.



Corrosion Resistant

Various tests under harsh environmental conditions such as ammonia and salt-mist passed.



UL / VDE Test Labs

R&D center is an accredited test laboratory of both UL and VDE.

FGET's Warranty Provisions



- 25-Year Product Warranty
- On materials and workmanship



- 25-Year Performance Warranty
- Initial year: 98.0%
- Linear warranty after second year: with 0.55%p annual degradation, 84.8% is guaranteed up to 25 years

About FGET Energy Solutions

Even with limited space, the FGET Shingled panels generate a lot of energy. As one of the most trusted panels in the industry, the FGET Shingled module is popular with residential and commercial customers for its reliability, aesthetics and compatibility with all major system and module electronics.

We are committed to building strategic, mutually beneficial collaboration with installers, developers, distributors and other partners.

Certification



Electrical Characteristics

ELECTRICAL DATA @ STC		Shingled Mono-Crystalline Module			
		Mono-340	Mono-345	Mono-350	Mono-355
Peak Power Watts-PMAX	Wp*	340	345	350	355
Power Output Tolerance-PMAX	W	0/+5	0/+5	0/+5	0/+5
Maximum Power Voltage-VMPP	V	31.98	32.03	32.09	32.14
Maximum Power Current-IMPP	A	10.63	10.77	10.91	11.04
Open Circuit Voltage-VOC	V	39.59	39.66	39.72	39.79
Short Circuit Current-ISC	A	11.25	11.40	11.54	11.68
Module Efficiency η m	%	19.85	20.14	20.44	20.73
Maximum System Voltage	V	1500			
Temperature Coefficient of Pmax	%/°C	-0.34			
Temperature Coefficient of Voc %	/°C	-0.27			
Temperature Coefficient of Isc	%/°C	0.04			

Mechanical Characteristics

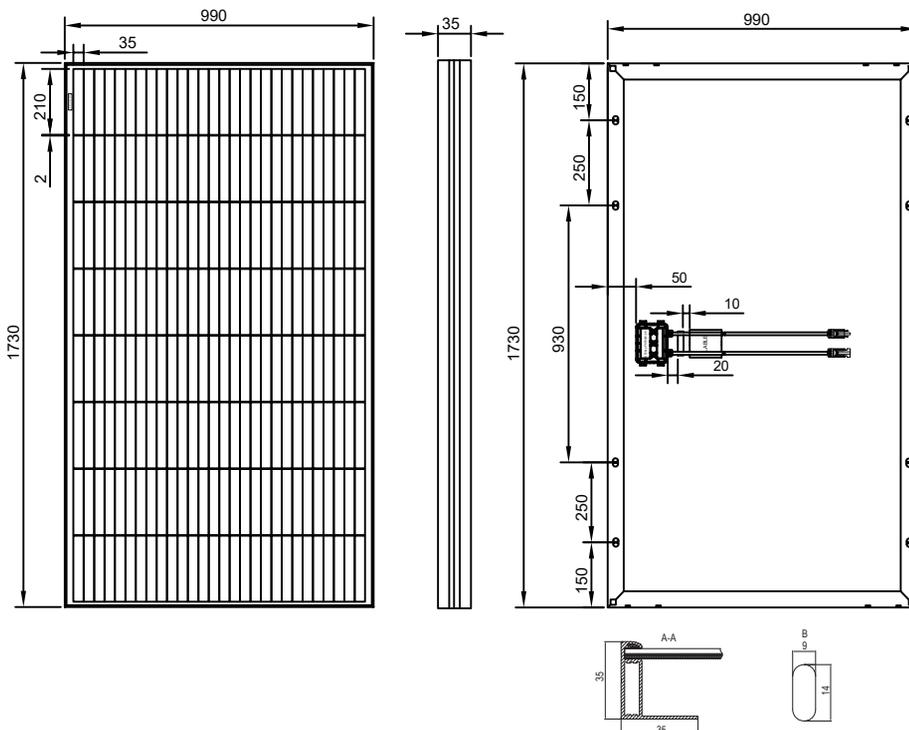
Solar Cells	PERC Mono Shingled (210 × 35mm)
Cell Orientation	224 cells 8*28
Module Dimensions	1730*990*35mm (L × W × H)
Weight	18.8±3%kg
Glass	3.2 mm, High Transmission, Low Iron, Tempered Glass
Backsheet	White
Frame	Silver Anodized Aluminium Alloy
J-Box	20A IP 67 or IP 68 rated
Cables	Photovoltaic Technology Cable 4.0mm ² , 900mm
Connector	28 QC4 / TS4
Packaging	32PCS/pallet; 1750×1140×1120mm (L×W×H)

Installation Safety Guide

- Only qualified personnel should install or perform maintenance.
- Be aware of dangerous high DC voltage.
- Do not damage or scratch the rear surface of the module.
- Do not handle or install modules when they are wet.

Nominal Operating Cell Temperature	42.3 ± 2°C
Operating Temperature	-40 ~ 85°C
Maximum System Voltage	DC 1,500 / 1,000 (IEC) DC 1,000 (UL)
Maximum Reverse Current	20A
Maximum Surface Load Capacity	Front 5,400 Pa Rear 2,400 Pa

Module Diagram (unit : mm)



I-V Curves

