

Photovoltaic module

FS 240W-POLY -----FS 210W-POLY

FS 240W-POLY

FS 235W-POLY

FS 230W-POLY

FS 225W-POLY

FS 220W-POLY

FS 215W-POLY

FS 210W-POLY

Features



Easily assemble and disassemble with patent for 45° and 90° corner



Graceful and artistic, convenient to install



High output, 14.9% highest conversion efficiency



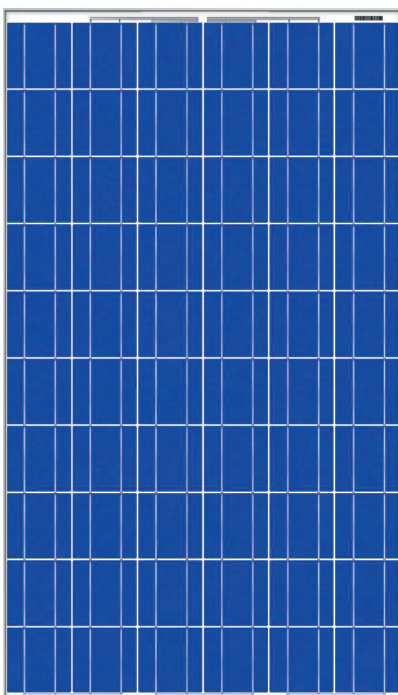
Claim solution response within 48 hours



High surface load capacity of 5400Pa

Quality and Safety

- 10-year / 25-year power output transferable warranty (90% / 80% of minimum output power)
- 5-year product warranty
- product Liability Insurance and Quality Insurance
- Excellent soldering technology with constant temperature control, no over-soldering or poor soldering
- Certified by authentic international standard IEC61215, IEC61730, UL1703, ETL & Kemco, conformity to CE
- Rigorous quality control meeting the highest international standards ISO 9001:2000 (Quality Management System) and ISO 14001:2004 (Environment Management System)

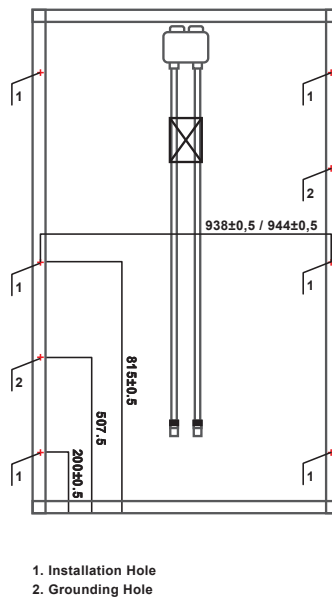
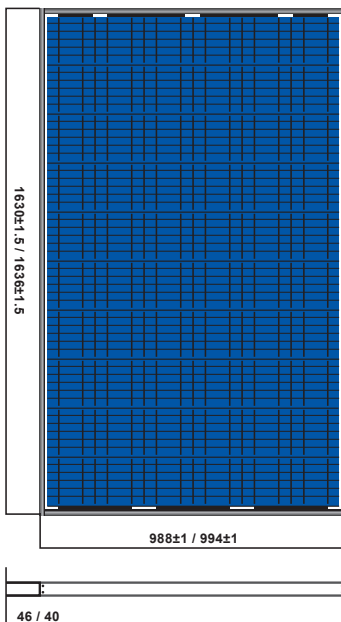


Electrical and Mechanical Characteristics

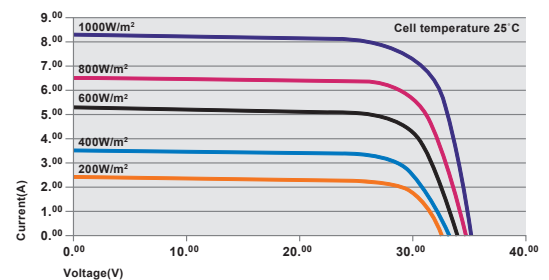
MODEL	FS 240W POLY	FS 235W POLY	FS 230W POLY	FS 225W POLY	FS 220W POLY	FS 215W POLY	FS 210W POLY
Nominal Maximum Output	240W	235W	230W	225W	220W	215W	210W
Nominal Open Circuit Voltage	37.5V	37.3V	37.1V	37.0V	36.8V	36.5V	36.1V
Nominal Short Circuit Current	8.40A	8.31A	8.21A	8.15A	8.08A	8.04A	7.99A
Nominal Maximum Output Voltage	30.3V	30.1V	29.8V	29.5V	29.2V	28.8V	28.3V
Nominal Maximum Output Current	7.91A	7.81A	7.71A	7.63A	7.53A	7.47A	7.42A
Nominal Mass	19Kg						
Dimensions	1630 x 988 x 46 (or 1636 x 994 x 40) mm						
Cells	60pcs polycrystalline						
Cells Dimensions	156 x 156mm						
Maximum system voltage	1000V						

Temperature and Coefficients	Limits		
NOCT	48±2°C	Tolerance Wattage	≥ 0 %
Temperature Coefficients of I _{sc}	+0.104%/K	Temperature Range	-40°C – +85°C
Temperature Coefficients of U _{oc}	-0.343%/K	Surface Maximum Load Capacity	5400Pa
Temperature Coefficients of P _m	-0.462%/K	Max Reverse Current Load	15A

The Electro-Data apply for Standard-Test-Condition (STC): Irradiation 1000 W/m², Spectrum AM 1.5, Cell temperature 25°C



I-U-CURVES of PV module --- FS 220W-POLY



I-U-CURVES of PV module --- FS 220W-POLY at various cell temperatures (IRRADIANCE: AM 1.5, 1kw/m²)

