



RIGIN
Inspired by the sun

Solar Panel – Poly-crystalline (SC0115) with 115 Wp

EFFICIENCY

- Low voltage-temperature coefficient ensures high-temperature operation
- Exceptional low-light performance combined with high sensitivity to light enables excellent energy delivery
- Up to 17.37% solar cell efficiency
- Up to 14.62% module efficiency

MATERIALS

- Highest quality, high-transmission tempered glass provides enhanced stiffness and impact resistance
- Advanced EVA encapsulation system with triple-layer back sheet meets the most stringent safety requirements for high-voltage operation
- A sturdy, anodized aluminum frame allows modules to be easily roof-mounted with a variety of standard mounting systems
- Ultra reliable bypass diodes prevent damage through overheating due to shaded or defective cells
- Innovative, environmentally friendly packaging method using pile-edges ensures modules arrive in perfect condition
- New frame design incorporating hexagonal shaped drainage holes, with more ground holes, provide flexible installation and use

BENEFITS

- Manufactured in an ISO 9001:2000 certified plant
- High efficiency, high safety, high reliability
- Output power tolerance of +/-5%
- 25-year limited warranty on power output, 5-year limited warranty on materials and workmanship
- Generate more energy per square meter
- Equipped weatherproof junction box, flawless operation in wet weather and marine applications
- Resilient to harsh weather conditions
- Optimal panel performance



IEC 61215 Ed.2
IEC 61730

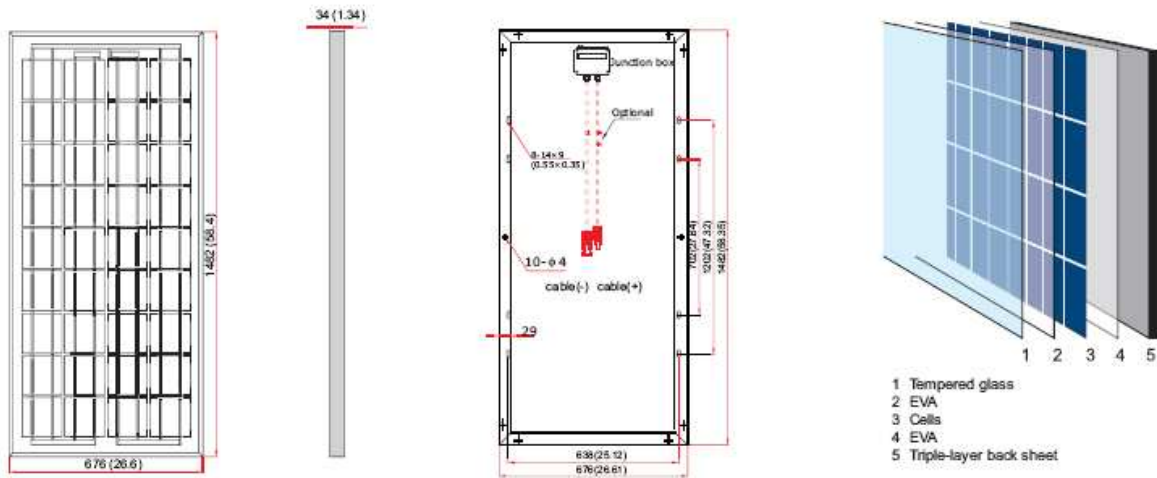


SPECIFICATIONS

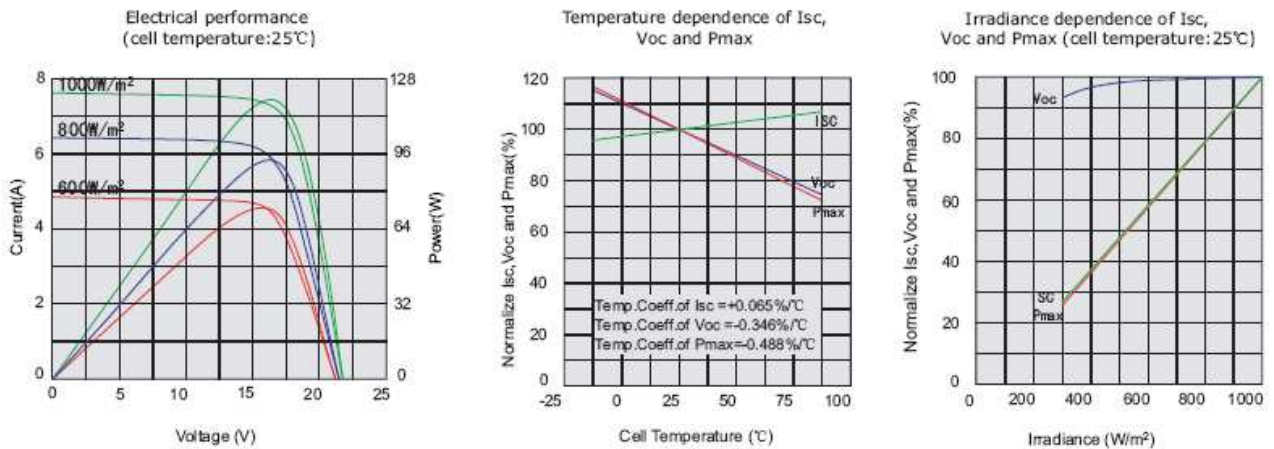
Model type	ET-P636145	ET-P636140	ET-P636135	ET-P636130	ET-P636125	ET-P636120	ET-P636115
Peak power (Pmax)	145W	140W	135W	130W	125W	120W	115W
Cell type	PolyCrystalline Silicon, 156mm x 156mm						
Number of cells	36 cells in series						
Weight	12.0 kg (26.5 lbs)						
Dimensions	1482×676×34 mm (58.3×26.6×1.3 inch)						
Maximum power voltage (Vmp)	17.80V	17.60V	17.60V	17.41V	17.40V	17.40V	17.20V
Maximum power current (Imp)	8.15A	7.95A	7.67A	7.47A	7.18A	6.89A	6.68A
Open circuit voltage (Voc)	21.96V	21.96V	21.96V	21.75V	21.75V	21.75V	21.75V
Short circuit current (Isc)	8.50A	8.41A	8.41A	8.10A	7.80A	7.63A	7.55A
Maximum system voltage	DC 1000V						
Temp. Coeff. of Isc (TK Isc)	0.065 %/°C						
Temp. Coeff. of Voc (TK Voc)	-0.346 %/°C						
Temp. Coeff. of Pmax (TK Pmax)	-0.488 %/°C						
Normal Operating Cell Temperature	45.3±2°C						

Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C.

PHYSICAL CHARACTERISTICS Unit:mm (inch)



ELECTRICAL CHARACTERISTICS



Think before
you print!

