

WKE 230-245

WATT POLYCRYSTALLINE MODULE



WKE-60PC230 230Wp WKE-60PC240 240Wp WKE-60PC245 245Wp

POLYCRYSTALLINE COLOUR MODULE

Characteristics

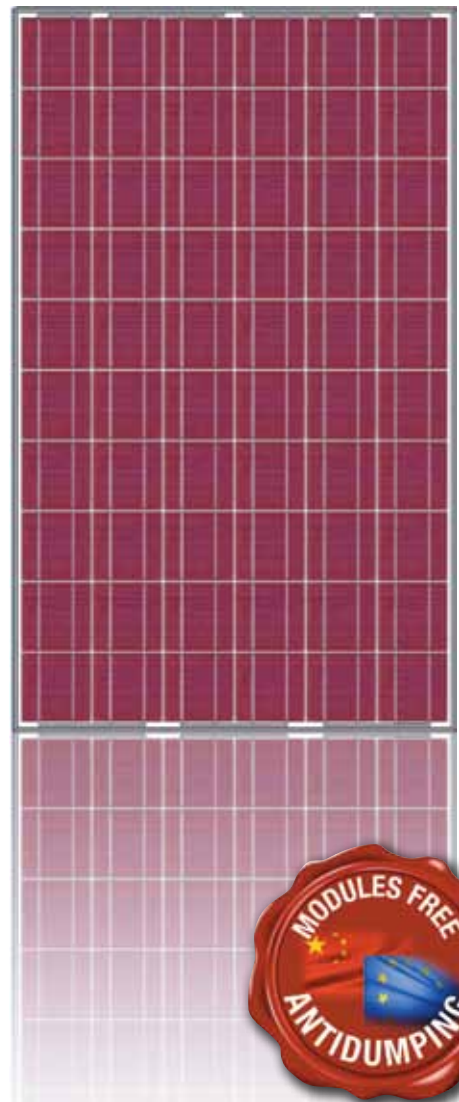
- Aesthetically appealing design with high efficiency color solar cells.
- High module conversion efficiency up to 15.44% through superior manufacturing technology.
- Low degradation and excellent performance under high temperature and low light conditions.
- Robust aluminum frame ensures the modules to withstand wind loads up to 2400Pa and snow loads up to 5400Pa.
- Positive power tolerance of 0 ~ +3 %.
- High ammonia and salt mist resistance.

Quality Certificates

- IEC61215, IEC61730, IEC62716, IEC61701, UL1703, CE, MCS, CEC, Israel Electric, Kemco
- ISO9001:2008: Quality management system
- ISO14001:2004: Environmental management system
- OHSAS18001:2007: Occupational health and safety management system

Special Warranty

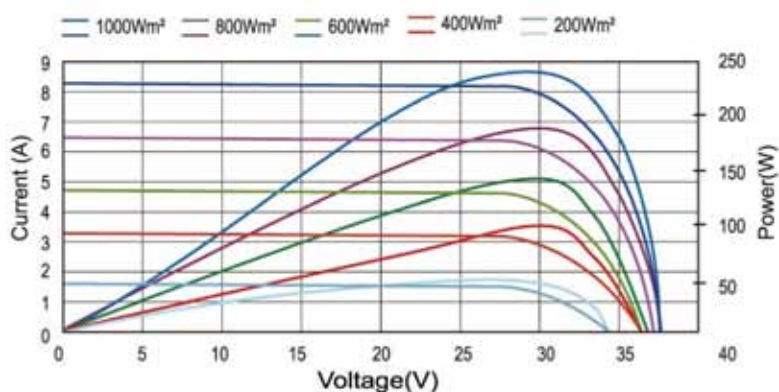
- 12 year limited product warranty.
- Limited power warranty: 12 years 91.2% of the nominal power output, 30 years 80.6% of the nominal power output.



Electrical parameters at STC

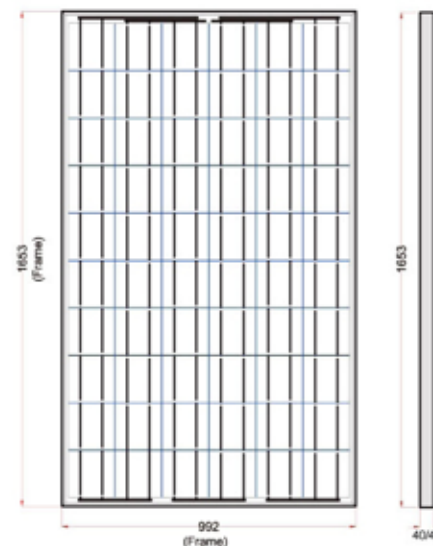
| | Lavender | Forest Green | Tile Red | Metallic Gray |
|--------------------------------|----------|--------------|----------|---------------|
| Nominal Power (Pmax) | 245W | 245W | 240W | 230W |
| Open Circuit Voltage (Voc) | 38.11V | 38.13V | 38.03V | 38.12V |
| Short Circuit Current (Isc) | 8.59A | 8.60A | 8.39A | 7.96A |
| Voltage at Nominal Power (Vmp) | 30.30V | 30.61V | 30.40V | 30.22V |
| Current at Nominal Power (Imp) | 8.06A | 8.03A | 7.92A | 7.25A |

STC: Irradiance 1000W/m², Cell temperature 25°C, AM1.5



Mechanical Characteristics

| | |
|------------------|---------------------------|
| Cell type | Polycrystalline 156x156mm |
| Number of cells | 60 (6x10) |
| Module dimension | 1653x992x40/46mm |
| Weight | 18 kg / 19.5 kg |
| Frame | Anodized aluminum alloy |
| Junction box | IP65, 3 diodes |
| Cable | 4mm ² , 900mm |
| Connector | MC4 or MC4 compatible |



Temperature Characteristics

| | |
|---|-----------|
| Nominal Operating Cell Temperature (NOCT) | 45°C±2°C |
| Temperature Coefficients of Pmax | -0.41%/°C |
| Temperature Coefficients of VOC | -0.32%/°C |
| Temperature Coefficients of ISC | +0.05%/°C |

Maximum Ratings

| | |
|----------------------------|----------------|
| Operating Temperature | -40°C to +85°C |
| Maximum System Voltage | 1000V DC |
| Maximum Series Fuse Rating | 15A |

