



KFSOLAR
wisdom enlighten future



KF MODULE monocrystalline

KF-60M6-215W KF-60M6-220W KF-60M6-225W
KF-60M6-230W KF-60M6-235W

- * High transmittance, low iron tempered glass with enhanced stiffness and impact resistance.
- * Unique frame design with high mechanical strength for easy installation.
- * Advanced encapsulation material with multilayer sheet lamination to provide long-life and enhanced cell performance.
- * Outstanding electrical performance under high temperature and low irradiance conditions.
- * Carbon Friendly.

Warranty:

5 years for product defects in materials and workmanship
10 years for 90% of warranted minimum power
25 years for 80% of warranted minimum power

Certificates:



IEC: IEC 61215, IEC 61730 (1&2), conformity to CE
ISO9001:2008 GB/T 19001-2008
ISO9001:2008 Quality Management System
PV Cycle: Voluntary module take back and recycling program





ELECTRICAL CHARACTERISTICS

| Type | KF-60M6-215W | KF-60M6-220W | KF-60M6-225W | KF-60M6-230W | KF-60M6-235W |
|----------------------------|-----------------------|--------------|--------------|--------------|--------------|
| Nominal Out | 215W | 220W | 225W | 230W | 235W |
| Power Tolerance | (0, +5) W | (0, +5) W | (0, +5) W | (0, +5) W | (0, +5) W |
| Voltage at Pmax(Vmp) | 30.6V | 31.2V | 31.5V | 31.8V | 32.0V |
| Current at Pmax(Imp) | 7.03A | 7.05A | 7.15A | 7.23A | 7.35A |
| Open Circuit Voltage(Voc) | 36.7V | 36.9V | 37.0V | 37.2V | 37.2V |
| Short Circuit Current(Isc) | 7.90A | 8.01A | 8.11A | 8.21A | 8.30A |
| Maximum System Voltage | 1000V(TUV) ; 600V(UL) | | | | |
| Cell Efficiency | 15.46% | 15.81% | 16.18% | 16.56% | 16.90% |
| Module Efficiency | 13.17% | 13.48% | 13.79% | 14.09% | 14.40% |

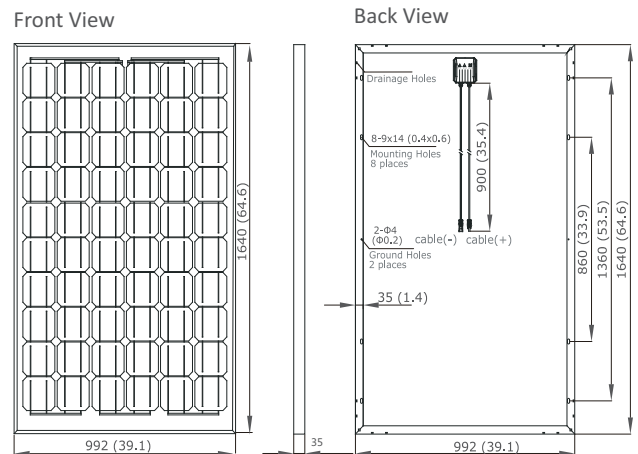
MECHANICAL CHARACTERISTICS

| | |
|-------------------|---------------------------------------|
| Dimensions | 1640X992X35mm |
| Weight | 20kg |
| Junction Box | IP65 rated |
| Type of Connector | MC4 or compatible connector |
| Solar Cells | 60(6X10) Mono-crystalline cells 156mm |
| Frame | Anodized aluminum alloy |

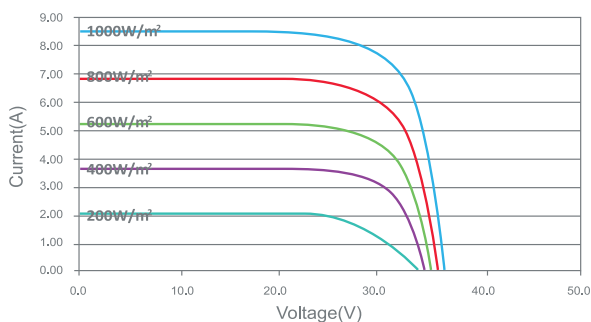
TEMPERATURE CHARACTERISTICS

| | |
|---------------------------------|------------|
| NOCT | 44.4±2°C |
| Temperature Coefficient of Pmax | -0.46%/°C |
| Temperature Coefficient of Voc | -0.346%/°C |
| Temperature Coefficient of Isc | 0.065%/°C |
| Operating Temperature | -40~+80°C |

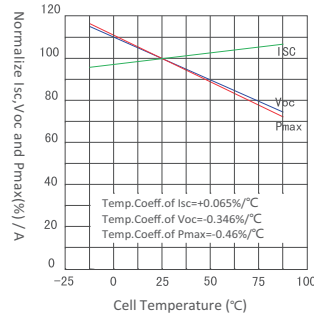
DIMENSIONS



IV CURVE AT DIFFERENT IRRADIANCE LEVELS



Temperature dependence of Isc, Voc and Pmax



Irradiance dependence of Isc, Voc and Pmax (cell temperature: 25°C)

