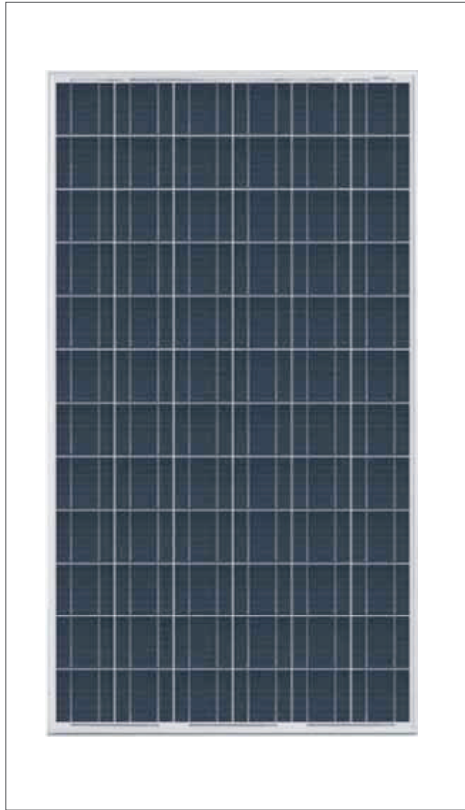




KFSOLAR
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KF MODULE Polycrystalline

KF-72P6-240W KF-72P6-245W KF-72P6-250W
KF-72P6-255W KF-72P6-260W

- * 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.

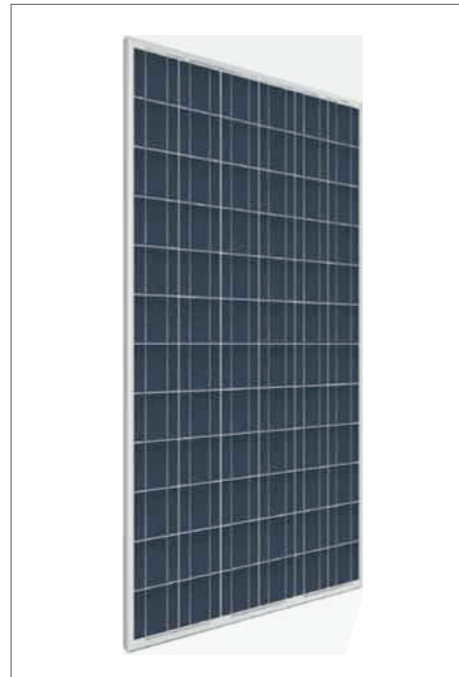
Warranty:

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-72P6-240W | KF-72P6-245W | KF-72P6-250W | KF-72P6-255W | KF-72P6-260W |
|----------------------------|-----------------------|--------------|--------------|--------------|--------------|
| Nominal Out | 240W | 245W | 250W | 255W | 260W |
| Power Tolerance | (0, +5) W | (0, +5) W | (0, +5) W | (0, +5) W | (0, +5) W |
| Voltage at Pmax(Vmp) | 35.8V | 35.8V | 35.9V | 35.9V | 36.0V |
| Current at Pmax(Imp) | 6.70A | 6.85A | 6.96A | 7.11A | 7.23A |
| Open Circuit Voltage(Voc) | 44.1V | 44.1V | 44.1V | 44.1V | 44.2V |
| Short Circuit Current(Isc) | 8.01A | 8.02A | 8.02A | 8.04A | 8.06A |
| Maximum System Voltage | 1000V(TUV) ; 600V(UL) | | | | |
| Cell Efficiency | 14.27% | 14.57% | 14.86% | 15.16% | 15.46% |
| Module Efficiency | 12.33% | 12.59% | 12.84% | 13.10% | 13.36% |

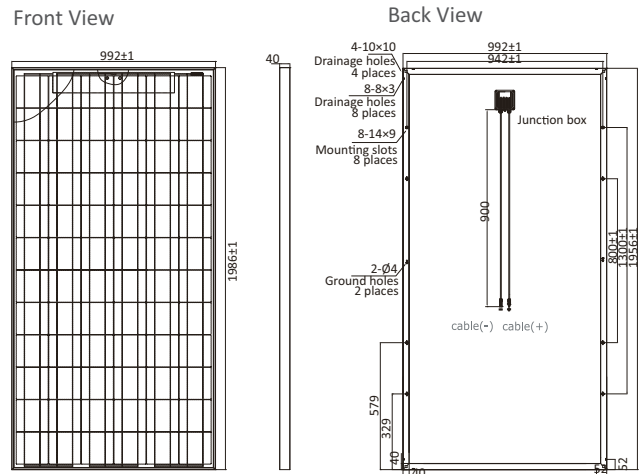
MECHANICAL CHARACTERISTICS

| | |
|-------------------|---------------------------------------|
| Dimensions | 1956X992X40mm |
| Weight | 25kg |
| Junction Box | IP65 rated |
| Type of Connector | MC4 or compatible connector |
| Solar Cells | 72(6X12) Poly-crystalline cells 156mm |
| Frame | Anodized aluminum alloy |

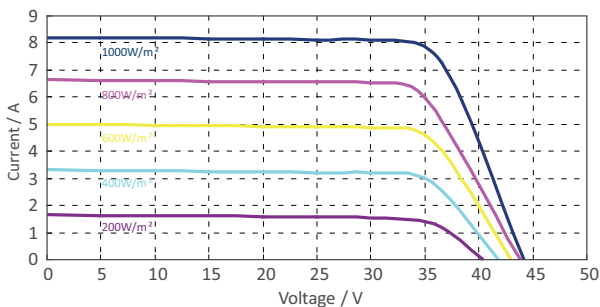
TEMPERATURE CHARACTERISTICS

| | |
|---------------------------------|------------|
| 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 |

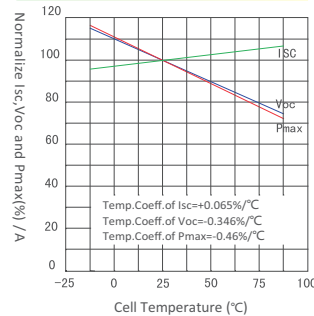
DIMENSIONS



IV CURVE AT DIFFERENT IRRADIANCE LEVELS



Temperature dependence of Isc, Voc and Pmax



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

