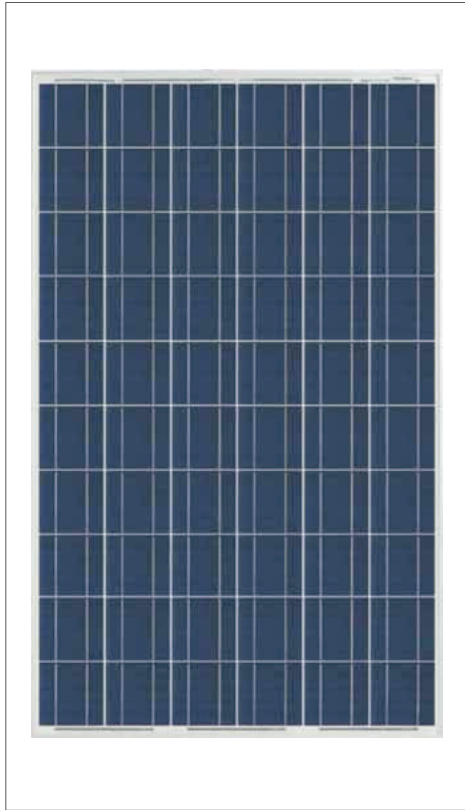




KFSOLAR
wisdom enlighten future



KF MODULE

Polycrystalline

KF-60P6-215W KF-60P6-220W KF-60P6-225W
KF-60P6-230W KF-60P6-235W

- * 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.

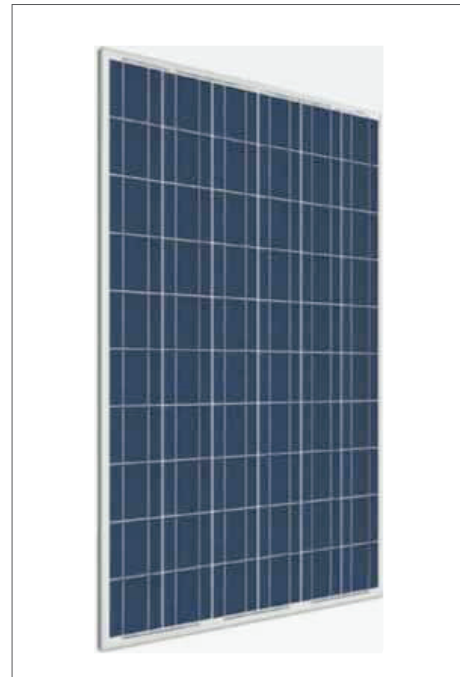
Warranty:

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-60P6-215W	KF-60P6-220W	KF-60P6-225W	KF-60P6-230W	KF-60P6235W
Nominal Out	215W	220W	225W	230W	235W
Warranted Minimum Power	208.6W	213.4W	218.3W	223.1W	228.0W
Power Tolerance	(0, +5) W	(0, +5) W	(0, +5) W	(0, +5) W	(0, +5) W
Voltage At Pmax(Vmp)	29.8V	29.8V	29.9V	30.0V	30.0V
Current At Pmax(Imp)	7.23A	7.40A	7.53A	7.67A	7.84A
Open Circuit Voltage(Voc)	36.3V	36.5V	36.7V	36.8V	36.8V
Short Circuit Current(Isc)	7.98A	8.12A	8.18A	8.34A	8.44A
Maximum System Voltage	1000V(TUV) ; 600V(UL)				
Cell Efficiency	15.18%	15.53%	15.89%	16.24%	16.59%
Module Efficiency	13.17%	13.48%	13.79%	14.09%	14.40%

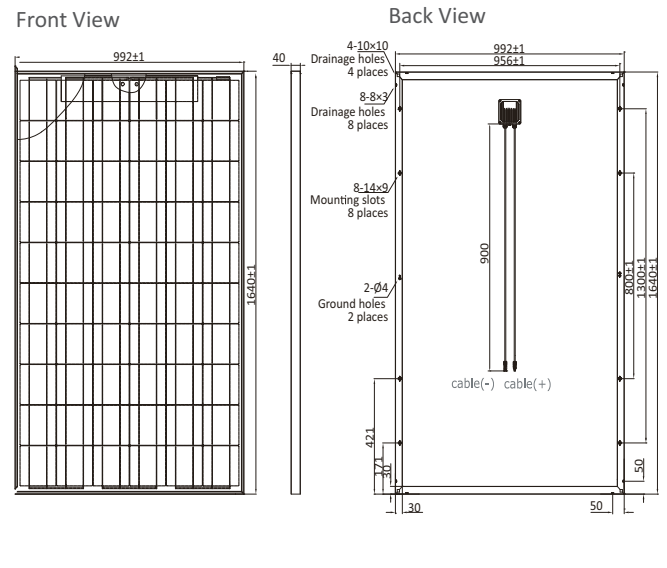
MECHANICAL CHARACTERISTICS

Dimensions	1640x992x40mm
Weight	19.93kg
Junction Box	Ip65 Rated
Type Of Connector	Mc4 Or Compatible Connector
Solar Cells	60(6x10) Poly-crystalline Cells 156mm
Frame	Anodized Aluminum Alloy

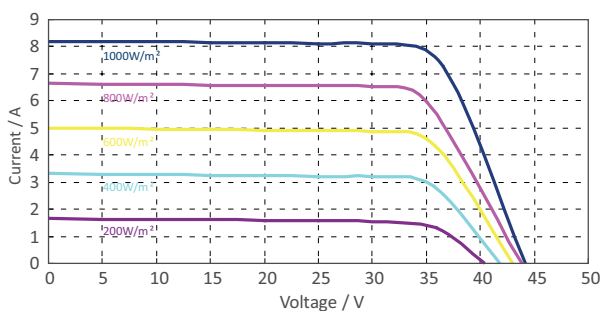
TEMPERATURE CHARACTERISTICS

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

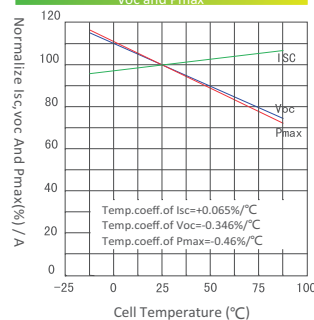
DIMENSIONS



IV CURVE AT DIFFERENT IRRADIANCE LEVELS



Temperature dependence of Isc, Voc and Pmax



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

