



**KFSOLAR**  
wisdom enlighten future



## KF MODULE monocrystalline

KF-72M6-280W KF-72M6-285W KF-72M6-290W  
KF-72M6-295W KF-72M6-300W

- \* 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-72M6-280W	KF-72M6-285W	KF-72M6-290W	KF-72M6-295W	KF-72M6-300W
Nominal Out	280W	285W	290W	295W	300W
Power Tolerance	(0, +5) W	(0, +5) W	(0, +5) W	(0, +5) W	(0, +5) W
Voltage at Pmax(Vmp)	35.2V	35.6V	35.7V	35.9V	36.0V
Current at Pmax(Imp)	7.95A	8.03A	8.13A	8.23A	8.33A
Open Circuit Voltage(Voc)	44.8V	44.9V	45.0V	45.2V	45.3V
Short Circuit Current(Isc)	8.33A	8.58A	8.68A	8.78A	8.88A
Maximum System Voltage	1000V(TUV) ; 600V(UL)				
Cell Efficiency	16.80%~17.10%	17.10%~17.40%	17.40%~17.70%	17.70%~18.00%	18.00%~18.30%
Module Efficiency	14.40%~14.70%	14.70%~14.90%	14.90%~15.20%	15.20%~15.50%	15.50%~15.70%

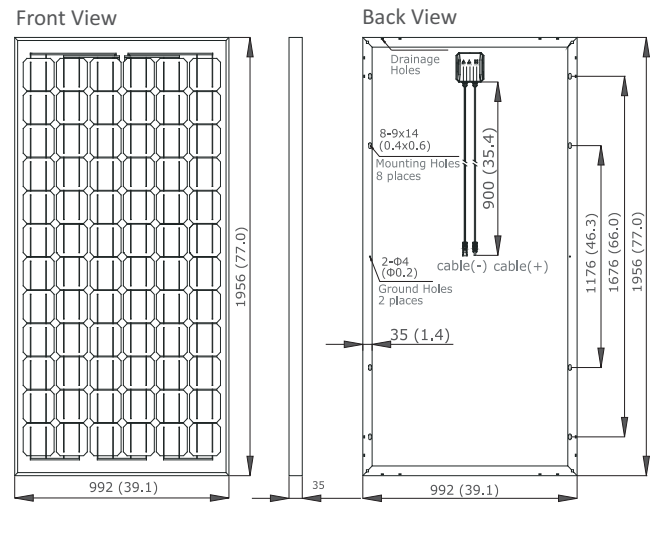
## MECHANICAL CHARACTERISTICS

Dimensions	1956X992X35mm
Weight	24kg
Junction Box	IP65 rated
Type of Connector	MC4 or compatible connector
Solar Cells	72(6X12) 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

