



# 國軒科技股份有限公司

Kingstone Energy Technology Corporation

## DATASHEET

### KET-6M- (210-265) P-60 POLY CRYSTALLINE SOLAR MODULES



#### PRODUCT OVERVIEW

- KET Solar's modules are optimally manufactured and adjusted to meet the needs of the current market; scientifically designed module dimension makes the installation simple and easy.
- Our continuous efforts in quality assurance system and certifications the international authentication institutions of KET Solar's products demonstrate our commitment to product quality and customer requirements.

#### MODULE CHARACTERISTICS

- High efficiency crystalline silicon solar cells.
- High transmission low iron tempered glass, strong mechanical resistance.
- Standard waterproof junction box, with bypass diode.
- High endurance to different atrocious weather.
- Custom designed modules according to clients' requirement.

#### MECHANICAL PARAMETERS

Cell(mm) Poly 156×156

Weight(kg) 19

Dimensions(LxWxH)(mm) 1646×991×40

Cable Length(mm) ≥900

Cable cross section size(mm<sup>2</sup>) 4

No. of cells and connections 60 (10×6)

No. of diodes 6

Packing configuration 26pcs/carton

Connector MC4

#### WORKING CONDITIONS

Maximum System Voltage DC 1000V

Operating Temp. -40℃~+85℃

Maximum Series Fuse (A) 12

Static loading ≥2400Pa

Grounding conductivity ≤0.1Ω

NOCT 45±2℃

Application Class Class A

Insulation Resistance ≥100MΩ

## GUARANTEE

10-year limited product warranty.

Limited performance warranty: 10 years at 90% of the minimal rated power output, 25 years at 80% of the minimal rated power out

TYPE 型号	KET-6M-210P-60	KET-6M-215P-60	KET-6M-220P-60	KET-6M-225P-60	KET-6M-230P-60	KET-6M-235P-60	KET-6M-240P-60	KET-6M-245P-60	KET-6M-250P-60	KET-6M-255P-60	KET-6M-260P-60	KET-6M-265P-60
Pmax(w)	210	215	220	225	230	235	240	245	250	255	260	265
(Voc/V)	36	36	36	36.6	36.6	37.2	37.2	37.2	37.8	37.8	37.8	37.8
(Vmp/V)	29	29	29	29.5	29.50	30.0	30.0	30.0	30.5	30.65	30.9	31.15
(Isc/A)	7.82	8.01	8.19	8.24	8.42	8.46	8.65	8.74	8.85	8.95	9.07	9.17
(Imp/A)	7.24	7.41	7.59	7.63	7.8	7.83	8.0	8.17	8.2	8.32	8.42	8.51
Power Tolerance	±3%											
α lsc	+0.04%/°C											
β voc	-0.3%/°C											
γ Pmp	-0.44%/°C											
STC	AM1.5,1000W/m <sup>2</sup> ·25°C											

## I-V CURVE

