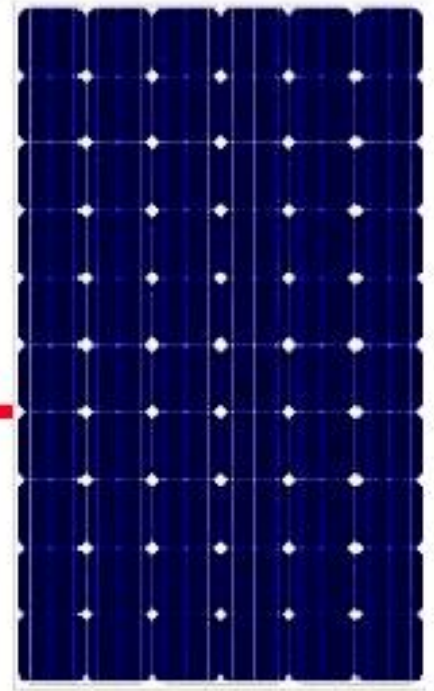


# Fast Solar



## 60 CELLS

MULTICRYSTALLINE MODULE

## 260-280W

POWER OUTPUT RANGE

## 17.21%

MAXIMUM EFFICIENCY

## 0~+5W

POSITIVE POWER TOLERANCE



### Our most versatile product

- Compatible with all major BOS components and system designs
- 1000V UL/1000V IEC certified



### Maximize Limited Space

- 60-cell module power output up to 280W
- Up to 171 W/m<sup>2</sup> power density



### Highly reliable due to stringent quality control

- Over 30 in-house tests (UV, TC, HF, and many more)
- In-house testing goes well beyond certification requirements
- PID resistant
- 100% EL double inspection



### Certified to withstand the most challenging environmental conditions

- 2400 Pa wind load
- 5400 Pa snow load
- 35 mm hail stones at 97 km/h

### Comprehensive Products And System Certificates

IEC61215/IEC61730/UL1703/IEC61701/IEC62716

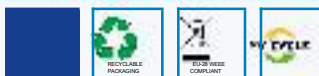
ISO 9001: Quality Management System

ISO 14001: Environmental Management System

ISO14064: Greenhouse gases Emissions Verification

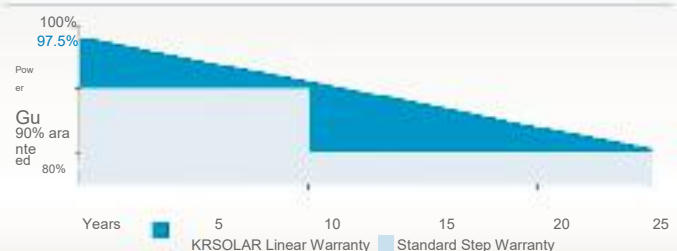
OHSAS 18001: Occupation Health and Safety

Management System



### LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty · 25 Year Linear Power Warranty

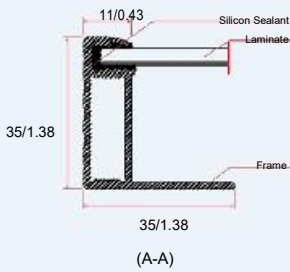
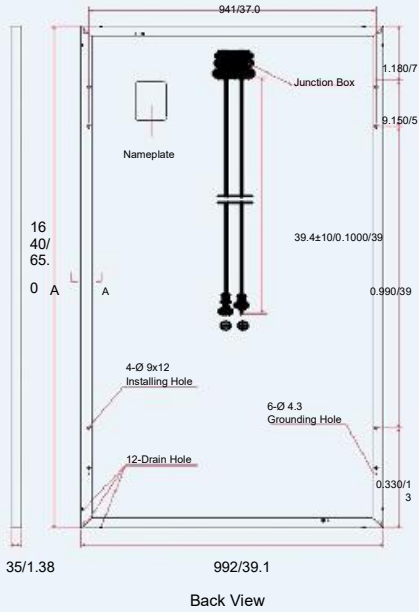


## PRODUCTS POWER RANGE

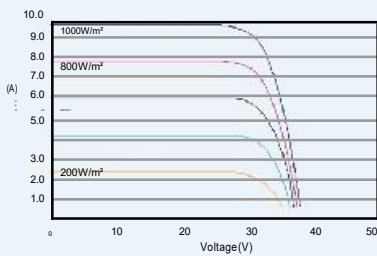
KRM 60 SERIES

260-280W

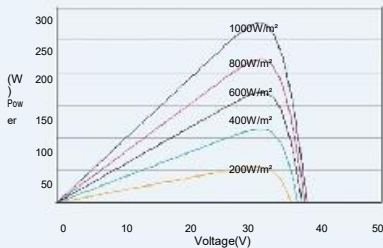
### DIMENSIONS OF PV MODULE (mm/inches)



### I-V CURVES OF PV MODULE (280W)



### P-V CURVES OF PV MODULE (280W)



### ELECTRICAL DATA (STC)

Parameter	260	265	270	275	280
Peak Power Watts- $P_{MAX}$ (Wp)*	260	265	270	275	280
Power Output Tolerance- $P_{MAX}$ (W)	0 ~ +5w				
Maximum Power Voltage- $V_{MPP}$ (V)	31.20	31.28	31.28	31.42	31.55
Maximum Power Current- $I_{MPP}$ (A)	8.34	8.48	8.63	8.75	8.92
Open Circuit Voltage- $V_{OC}$ (V)	38.09	38.24	38.33	38.45	38.72
Short Circuit Current- $I_{SC}$ (A)	8.84	8.98	9.13	9.25	9.34
Module Efficiency (%)	15.98	16.28	16.59	16.90	17.21

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5.  
\*Measuring tolerance: ±3%.

### MECHANICAL DATA

Solar Cells	Multicrystalline 156. × 156. mm (6 inches)
Cell Orientation	60 cells (6 × 10)
Module Dimensions	1640 × 992 × 40 mm (65.0 × 39.1 × 1.38 inches)
Weight	18.6 kg (41.0 lb)
Glass	3.2 mm (0.13 inches), High Transmission, AR Coated Tempered Glass
Backsheet	White (PD05.08); Black (PD05.05)
Frame	Black Anodized Aluminum Alloy (PD05.08, PD05.05)
J-Box	IP 67 or IP 68 rated
Cables	Photovoltaic Technology Cable 4.0mm <sup>2</sup> (0.006 inches <sup>2</sup> ), 1000 mm (39.4 inches)
Connector	MC4 or Amphenol H4/UTX
Fire Type	Type 1 or Type 2

### TEMPERATURE RATINGS

NOCT(Nominal Operating Cell Temperature)	44°C (±2°C)
Temperature Coe cient of $P_{MAX}$	- 0.41%/°C
Temperature Coe cient of $V_{OC}$	- 0.32%/°C
Temperature Coe cient of $I_{SC}$	0.05%/°C

### MAXIMUM RATINGS

Operational Temperature	-40~+85°C
Maximum System Voltage	1000V DC (IEC) 1000V DC (UL)
Max Series Fuse Rating	15A

(DO NOT connect Fuse in Combiner Box with two or more strings in parallel connection)

### WARRANTY

10 year Product Workmanship Warranty

25 year Linear Power Warranty

(Please refer to product warranty for details)

### PACKAGING CONFIGURATION

Modules per box: 26 pieces

Modules per 40' container: 784 pieces