

Fast Solar



72CELL

MULTICRYSTALLINE MODULE

310-340W

POWER OUTPUT RANGE

17.52%

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

- 72-cell module power output up to 340W
- Up to 171 W/m² 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

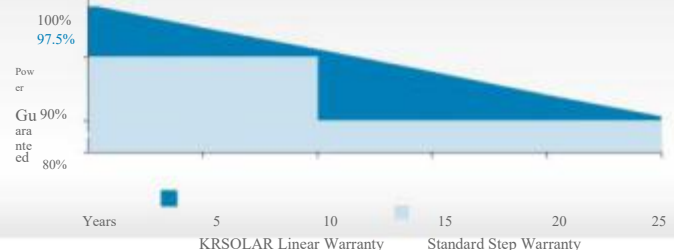
OHSAS 18001: Occupation Health and Safety

Management System



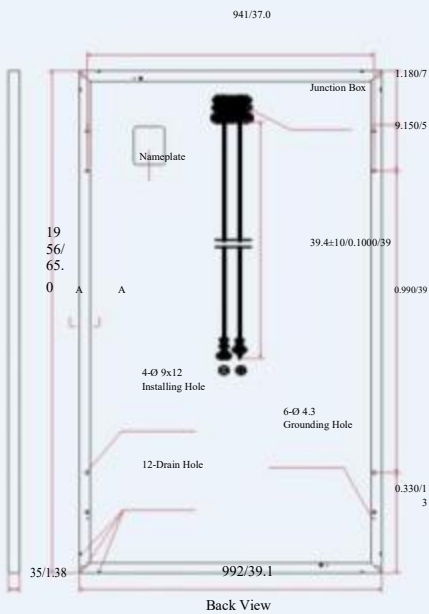
LINEAR PERFORMANCE WARRANTY

10 Year Product Warranty · 25 Year Linear Power Warranty

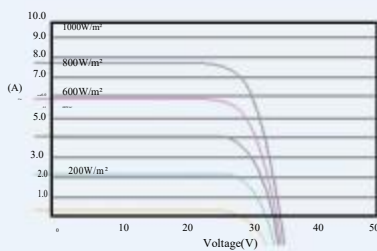


PRODUCTS | **POWER RANGE**
 KRM72 SERIES | 310-340W

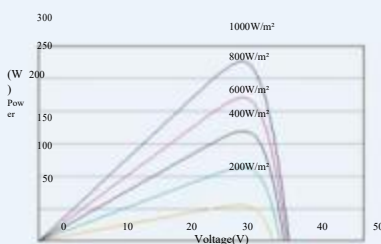
DIMENSIONS OF PV MODULE (mm/inches)



I-V CURVES OF PV MODULE (280W)



P-V CURVES OF PV MODULE (280W)



ELECTRICAL DATA (STC)

Parameter	310	315	320	325	330	335	340
Peak Power Watts-P _{MAX} (Wp)*	310	315	320	325	330	335	340
Power Output Tolerance-P _{MAX} (W)	0 ~ +5w						
Maximum Power Voltage-V _{MPP} (V)	37.12	37.15	37.24	37.35	37.48	37.55	37.63
Maximum Power Current-I _{MPP} (A)	8.53	8.57	8.63	8.76	8.80	8.92	9.03
Open Circuit Voltage-V _{OC} (V)	45.65	45.75	45.85	45.96	46.05	46.15	46.26
Short Circuit Current-I _{SC} (A)	9.10	9.12	9.15	9.19	9.30	9.42	9.54
Module Efficiency (%)	15.97	16.23	16.49	16.74	17	17.26	17.52

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.
 *Measuring tolerance: ±3%.

MECHANICAL DATA

Solar Cells	Multicrystalline 156.75 × 156.75 mm (6 inches)
Cell Orientation	72 cells (6 × 12)
Module Dimensions	1956 × 992 × 45 mm (65.0 × 39.1 × 1.38 inches)
Weight	22.6 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 ² (0.006 inches ²), 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: 22 pieces

Modules per 40' container: 628 pieces