



KE-60-M SERIES PV Multi-Crystalline Module



MODELS : 230, 235, 240, 245

KOHIMA Energy offers world-class, high efficiency, multi-crystalline modules that meet global quality standards.

Manufactured in state-of-the-art automated facility, the modules are suitable for both grid and off-grid applications. **KOHIMA** modules guarantee consistent output and set themselves apart with their outstanding product features.

Designed to give high performance and reliability, the modules can withstand extreme weather conditions and rapid temperature changes. **KOHIMA** focuses on continuous product development through dedicated research and development efforts.

SALIENT FEATURES:

- Best-in-Class Efficiency of upto 15.10%
- Zero Negative Power Tolerance
- 10 years Product Warranty and 25 years Performance Guarantee
- Superior Design and Excellent Performance even in Low Light Conditions
- High Tolerance to,
Static Loading - 5.4 kPa
Dynamic Loading - 2.5 kPa



For a greener, cleaner Earth

KE-60-M SERIES PV Multi-Crystalline Module

Electrical Specifications (STC : 1000 W/m², 25°C, AM 1.5)

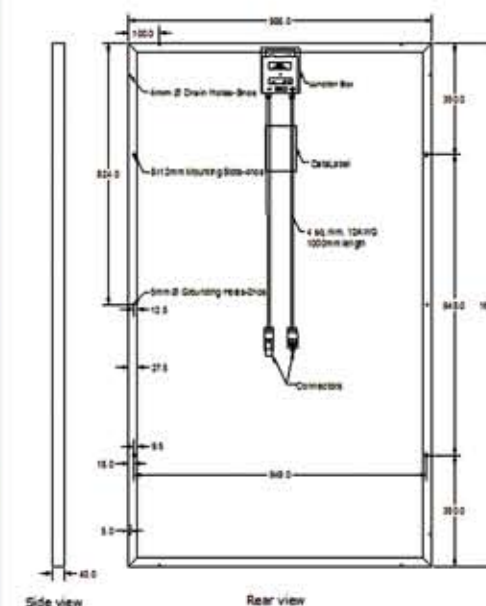
Parameters	UNITS	KE-60-M230	KE-60-M235	KE-60-M240	KE-60-M245
Maximum Power (P _{max})	Wp	230	235	240	245
Tolerance in P _{max}	Wp	4.99	4.99	4.99	4.99
Maximum Power Current(I _{mp})	A	7.59	7.63	7.76	7.87
Maximum Power Voltage(V _{mp})	V	30.31	30.8	30.93	31.14
Short Circuit Current(I _{sc})	A	8.3	8.4	8.52	8.61
Open circuit Voltage(V _{oc})	V	36.55	36.9	37.1	37.5
Fill Factor	%	75.8	75.8	75.9	75.9
Module Efficiency(%)	%	14.17	14.48	14.79	15.1

Nominal Operating Cell Temperature NOCT	°C	45 ± 2
Temperature Coefficient of I _{sc} α	%/°C	0.04
Temperature Coefficient of V _{oc} β	%/°C	-0.32
Temperature Coefficient of P _{max} γ	%/°C	-0.45

System Integration Parameters	
Maximum system voltage	1,000 VDC (IEC) / 600 VDC (UL)
Maximum series fuse rating	15 A
Maximum reverse current	15 A
Fire Safety Classification	Class C

Physical Characteristics	
Cells Configuration	60cells, arranged in 6 strings of 10 cells each
Cell type	Multi - crystalline silicon
Module dimensions	1648 x 985 x 40mm
Module weight	19kg
Junction box	IP65
Frame	Silver Anodized Aluminum 16 to 18 microns
Front Glass	3.2mm Tempered low iron glass

Module Drawing



IV CURVE

Performance Measurement



kohima
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QUALITY CERTIFICATION

