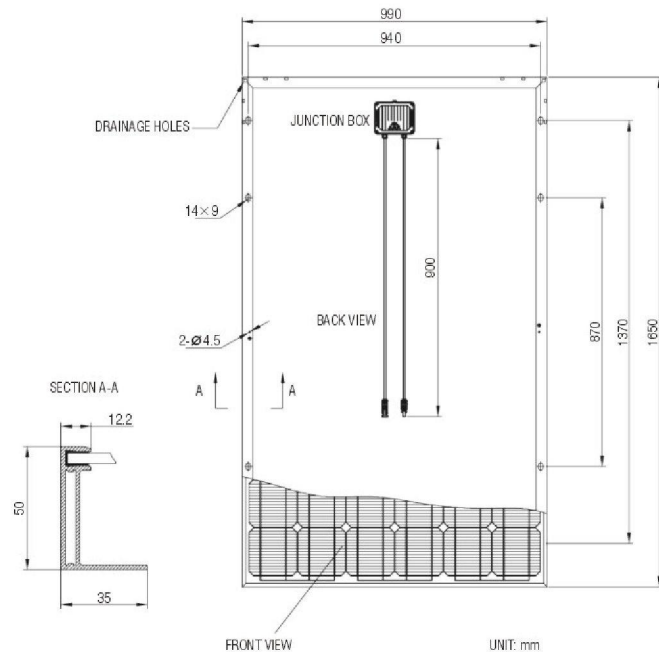
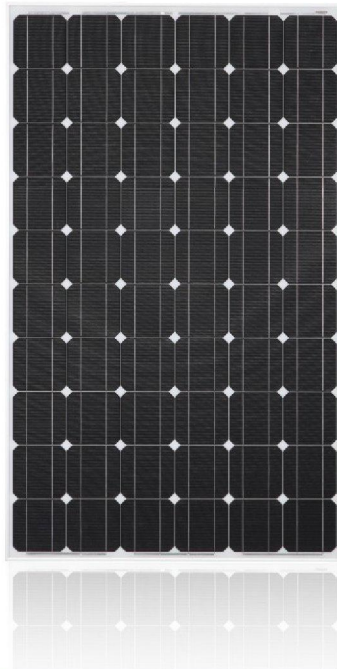


MONOCRYSTALLINE SOLAR MODULES



KM225(6)/230(6)/235(6)/240(6)/245(6)/250(6)



Electrical Characteristics

Model Number		KM225(6)	KM230(6)	KM235(6)	KM240(6)	KM245(6)	KM250(6)
Maximum Power as per STC	Pmax(W)	225	230	235	240	245	250
Power Tolerance	%	± 3%					
Maximum Power Voltage	Vm(V)	30.24	30.48	30.6	30.66	30.98	31.29
Maximum Power Current	Im(A)	7.45	7.6	7.68	7.83	7.91	7.99
Open Circuit Voltage	Voc(V)	36.6	36.6	36.72	36.84	37.38	37.5
Short Circuit Current	Isc(A)	8.1	8.17	8.23	8.32	8.42	8.5
Maximum System Voltage	VDC	1000					
Cell Efficiency	%	15.5	15.9	16.2	16.6	16.9	17.3
Module Efficiency	%	13.8	14.1	14.4	14.7	15.0	15.3
Cells per Module	Pcs	60					
Cell Type		Monocrystalline silicon					
Cell Size	mm	156 × 156					
Bypass Diodes	Pcs	12Amp, 6 pcs					
Max. Series Fuse Rating	A	15A					
Temperature coefficient of Isc	%/°C	0.05					
Temperature coefficient of Voc	%/°C	-0.35					
Temperature coefficient of power	%/°C	-0.47					
NOCT- Nominal operating cell temperature	°C	47 ± 2					
Operating Temperature	°C	-40 ~ +85					

Mechanical Characteristics

Dimensions	mm	1650 × 990 × 50
Weight	Kg	19.8
Type of Junction Box		TUV certified, IP65
Cable Type, Diameter		TUV certified, 4mm ² , 90 cm in length
Connector		compatible to Type 4 (MC4)
Tempered Glass		3.2 mm, high transmission, low iron

*STC Conditions: Radiation of 1000W/m², AM1.5 spectrum, cell temperature of 25 °C.

*Specifications included in this datasheet are subject to change without prior notice.



BRIEF INTRODUCTION

Our company was established in 1992. Located in China's famous port city Ningbo, it covers more than 24, 000 sq. m.. At present, the company has 5 large workshops, 2 branch factories, and more than 300 employees. After 20 years' development and construction, it becomes a self-support export-import company with annual turnover of more than US\$20 million.

We integrate design, development, manufacture, distribution and export business. Our main products are solar modules, solar systems, and solar lights. We are now exporting the products to more than 20 countries and regions such as Europe, USA, Australia, Africa and Southeast Asia.

From 2004, the company began to investigate and develop solar modules & solar systems projects, now it becomes one of the most advanced Ningbo enterprises in this field. In 2006, it introduced foreign capital, and established Ningbo Komaes Solar Technology Co., Ltd., Then began to mass produce & export solar modules. In 2011 we already establish 50MW on-line inspection automatic solar module assembly line, highly improve the production efficiency and product quality.

The company strictly follows ISO9001 quality system, equipped with advanced testing equipments and professional quality engineer. We keep rigorous controls on incoming inspection, production process, finished goods inspection and all relative processes. The solar modules' quality meets TUV IEC61215 / IEC61730 standards.

With the tenet of "Creating value for clients", the company is expanding continually in the field of solar energy to provide top quality solar products. We warmly welcome new and old clients come to discuss business opportunities and to create more & more splendid businesses together with us!



ISO9001 Certificate



CE Certificate