

SOLAR MODULE – 165W



ELECTRICAL CHARACTERISTICS		
Model Number		KM(P)165
Maximum Power	Pmax(W)	165W
Power Tolerance	%	0/+3%
Maximum Power Voltage	Vm(V)	19.7V
Maximum Power Current	Im(A)	8.39A
Open Circuit Voltage	Voc(V)	23.19V
Short Circuit Current	Isc(A)	8.89A
Maximum System Voltage	VDC	750V
Cell Efficiency	%	18.7
Module Efficiency	%	16.8
Cells per Module	Pcs	36
Cell Type		Polycrystalline Silicon
Cell Size	mm	156.75 x 156.75
Temperature coefficient of Isc	%/°C	+0.05
Temperature coefficient of Voc	%/°C	-0.34
Temperature coefficient of power	%/°C	-0.5
NOCT (Nominal operating cell temperature)	°C	47 ± 2
Operating Temperature	°C	-40 ~ +85
MECHANICAL CHARACTERISTICS		
Dimensions	mm	1470 x 670 x 30
Weight	Kg	10.0
Type of Junction Box		PV junction box
Cable		-
Connector		-
Tempered Glass		3.2 mm, high transmission, low iron

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