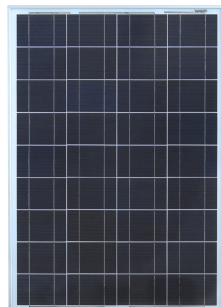


SOLAR MODULE – KM(P)85



ELECTRICAL CHARACTERISTICS		
Model Number		KM(P)85
Maximum Power	Pmax(W)	85
Power Tolerance	%	±5%
Maximum Power Voltage	Vm(V)	18.1V
Maximum Power Current	Im(A)	4.7A
Open Circuit Voltage	Voc(V)	21.63V
Short Circuit Current	Isc(A)	5.1A
Maximum System Voltage	VDC	750V
Cell Efficiency	%	15.20
Module Efficiency	%	12.76
Cells per Module	Pcs	36
Cell Type		Polycrystalline silicon
Cell Size	mm	156 x 94
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	940 x 680 x 35
Weight	Kg	7.9
Type of Junction Box		TUV certified, IP65
Cable Type, Diameter		Without
Connector		Without
Tempered Glass		3.2 mm, high transmission, low iron

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

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