

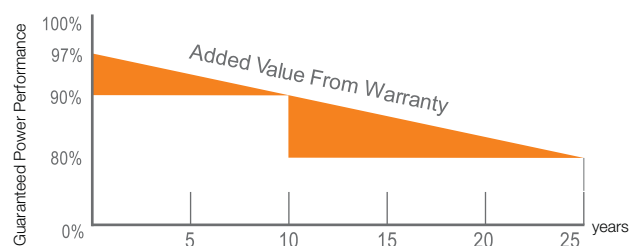
KIRLOSKAR SOLAR MODULES



PRODUCT FEATURES

- High power module using Polycrystalline Silicon 5 bus-bar Solar Cells with High Conversion Efficiency
- Designed for optimum use in Residential, Commercial and Utility Scale Installations
- High-Transmissivity, Tempered Glass for enhanced stiffness and impact resistance
- Robust, Anodized Aluminum Frame for extended outdoor use
- 10 years Guarantee on product material and workmanship
- 10 years 90% Power Output Warranty; 15 years 80% Power Output Warranty

LINEAR PERFORMANCE WARRANTY



10
YEARS

Guarantee on product
material and workmanship

25
YEARS

Linear power
output warranty

	KS12 Series			KS24 Series	KS60 Series	KS72 Series
Model No.	KS12P75	KS12P100	KS12P150	KS24P200	KS60P260	KS72P320
Pmax (W)	75	100	150	200	260	320
Voc (V)	22.5			44.6	37.81	45.52
Isc (A)	4.27	5.7	8.55	5.6	8.85	9.03
Vmax (V)	18.7			36.7	30.81	37.54
Imax (A)	4.03	5.37	8.6	5.45	8.46	8.53
Module Efficiency (%)	14.55	14.35	15.02	14.85	15.86	16.66
Fill Factor (mini)	0.78					
Power Tolerance	Positive Power Tolerance					
Module Dimension ** LxWxH (mm)	775 x 665 x 30	1040 x 670 x 30	1490 x 670 x 30	1360 x 990 x 35	1655 X 990 X 35	1970 X 990 X 40
X-Pitch Distance (mm) (i.e. widthwise mounting hole distance)	630	635		955	950	
Y-Pitch (Y-1&Y-2) Distance (mm) (i.e. lengthwise mounting hole distance)	400	500	750	700	860 & 1360	1154 & 1675
Mounting Holes (mm) Oblong	4nos :10X6.4				8 nos:14 X9	
Grounding Holes (mm)	2nos : ϕ4					
Module Weigth (kg)	7	9	12	14	18	22

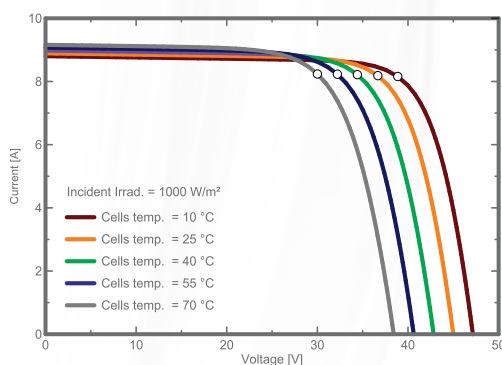
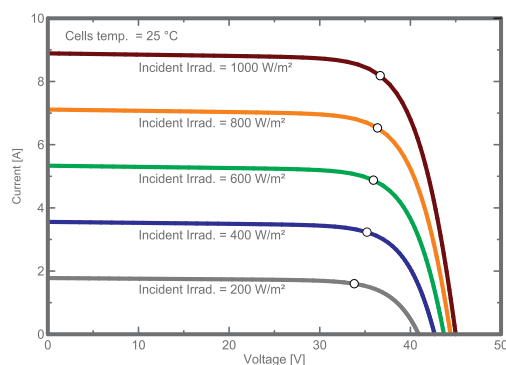
Electrical Parameters are measured at Standard Test Conditions (STC): Temp. 25°C, Irradiance 1000 w/m², AM 1.5

**Please confirm mounting dimensions with our sales team before ordering

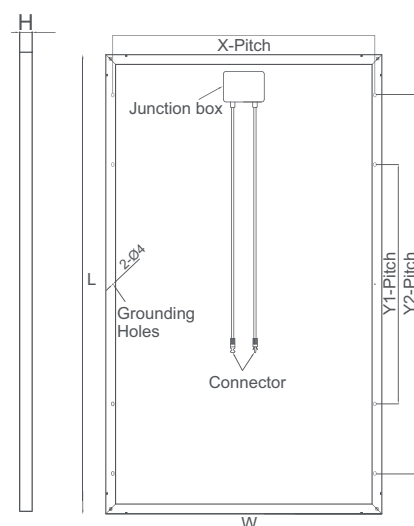
Thermal Characteristics	
Temp. Coefficients:	
Pmax:	(-)0.45%/°C
Voc:	(-)0.35%/°C
Isc:	0.05%/°C
NOCT:	46 ± 2 °C
Operating Temp. Range:	(-)40 to 85°C

Mechanical Characteristics	
Cell Type	Multicrystalline
Front Glass	3.2mm Low Iron Textured Toughened glass
Frame	Anodized Aluminum Frame
Junction Box	IP65 / IP67
Cable & Connectors	4Sq.mm 1meter long wire with MC4 connectors (for module 200W & above)

Current Voltage & Power Voltage Curves (320W)



Module & Mounting Dimensions



IEC Certifications : 61215, 61730-1 & 2, 61701 & 62804

KIRLOSKAR SOLAR TECHNOLOGIES PRIVATE LIMITED

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