

SOLAR MODULES



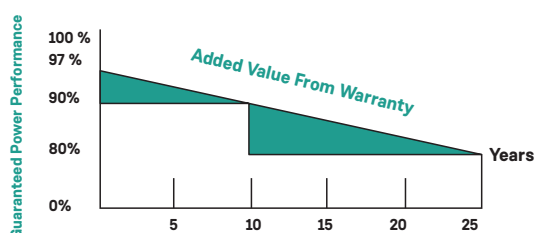
Polycrystalline: 335Wp | Mono Perc: upto 400Wp
DCR : 335Wp | MonoPerc Halfcut: 535Wp

**Designed For Optimal Use In Residential,
Commercial & Utility Scale Installations**

Product Features

- High power module using Polycrystalline, Mono Perc Solar Cells with High Conversion Efficiency
- High-Transmissivity, Tempered glass for enhanced stiffness and Impact resistance
- Robust, Anodized Aluminum Frame for extended outdoor use
- 10 years 90% Power output warranty;
15 years 80% Power output warranty
- 100% Pre & Post lamination Electroluminescence inspection
- IP 67/IP68 Rated junction Boxes
- Positive Tolerance
- PID and saltmist corrosion resistance

Linear Performance Warranty



12 Years :
Limited Product Warranty

25 Years :
Linear Power Output Warranty

KIRLOSKAR SOLAR MODULES						
	KS 36 Series	KS 60 Series	KS 72 Series			KS 144 Series
Model No.	KS36P160	KS60P265	KS72P335	KS72P335	KS72MP400	KS144MP535
Cell Type	Multicrystalline		Multicrystalline DCR		Mono PERC	Mono PERC Half cut
Pmax* (W)	160	265	335	335	400	535
VOC (V)	22.5	38.92	46.42	46.42	48.01	49.47
Isc (A)	8.9	9.10	9.41	9.41	10.31	13.81
Vmax (V)	18.40	30.36	36.87	36.87	41.03	41.43
I _{max} (A)	8.7	8.59	9.10	9.10	9.76	12.92
Module Efficiency (%)	16.10	15.94	17.24	17.24	20.11	20.93
Power Tolerance	Positive Tolerance					
Module Dimensions (LxWxH) in mm	1485x665x34	640x990x35	1960x990x35	1961x991x40	1985x1002x40	2256x1133x35
Module Weight in Kg	15.2	17	21.5	21.5	21.8	27.65

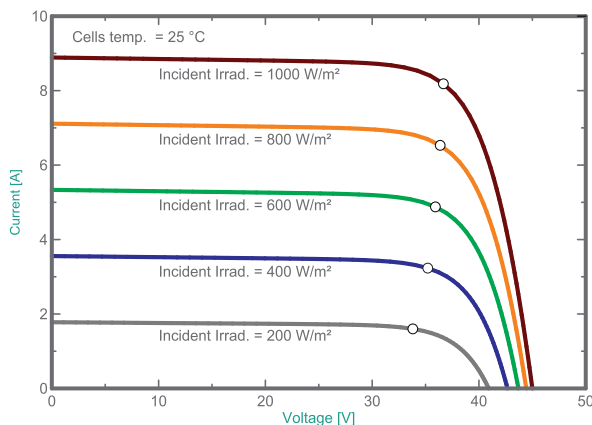
* Value @ Standard Test Conditions (STC): Temp. 25°C, Irradiance 1000 w/m², AM1.5*

* Please confirm mounting dimensions with our sales team before ordering

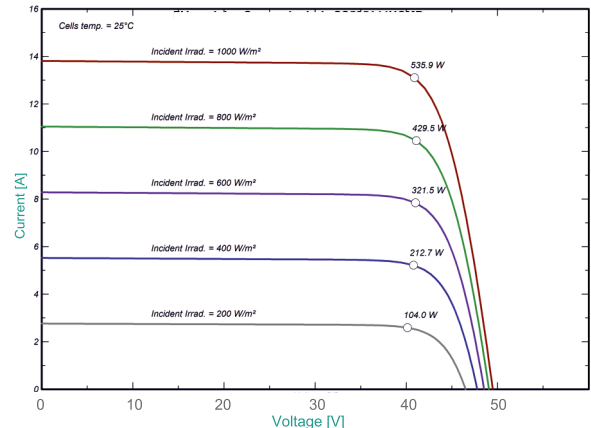
Thermal Characteristics		
Temp. Coefficients	Multicrystalline Modules	Monocrystalline Modules
Pmax	(-)0.3402%/°C	(-)0.2778%/°C
Voc	(-)0.2504%/°C	(-)0.2523%/°C
Isc	0.0287%/°C	0.076%/°C
NOCT	45 + 2°C	
Operating Temp. Range	(-)40 to 85°C	

Mechanical Characteristics	
Front Glass	3.2mm Low Iron Textured Toughened Glass
Frame	Anodized Aluminum Frame
Junction Box	IP67 / IP68
Cable & Connectors	4 Sq. mm 1 meter long wire with MC4 connectors (for module 265 to 400 W) 4 Sq. mm 0.35 meter long wire with MC4 connectors (for module 535W & Above)

I-V Curve With Irradiance



535 I-V Curve With Irradiance



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