

SOLAR MODULES



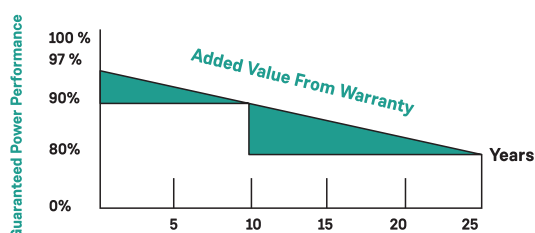
Polycrystalline: 335Wp | Mono Perc: upto 400Wp
DCR : 335Wp | MonoPerc Halfcut: 535Wp, 540Wp

**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	GBPLF-72-335-24 (KS72P335)	GBPLF-72-335-24 (KS72P335)	KS72MP400	SS335144HCMP (KS144MP335)	SS540144HCMP (KS144MP540)
Cell Type	Multicrystalline			Multicrystalline DCR	Mono PERC	Mono PERC Half cut	
Pmax* (W)	160	265	335	335	400	535	540
VOC (V)	22.5	38.92	46.42	46.42	48.01	49.47	49.62
Isc (A)	8.9	9.10	9.41	9.41	10.31	13.81	13.87
Vmax (V)	18.40	30.36	36.87	36.87	41.03	41.43	41.67
Imax (A)	8.7	8.59	9.10	9.10	9.76	12.92	12.96
Module Efficiency (%)	16.10	15.94	17.24	17.24	20.11	20.93	20.93
Power Tolerance	Positive Tolerance						
Module Dimensions (LxWxH) in mm	1485x665x34	640x990x35	1985x1003x35	1985x1003x35	1985x1002x35/40	2277x1133x35	2277x1133x35
Module Weight in Kg	15.2	17	20.7	20.7	21.8	27.75	27.75

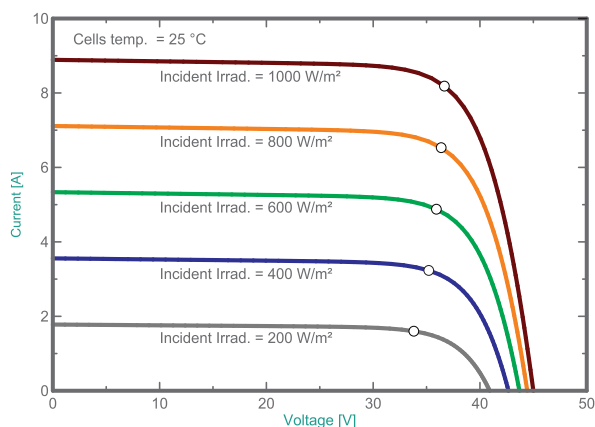
* Value @ Standard Test Conditions (STC): Temp. 25°C, Irridiance 1000 w/m², AM1.5*

* Please confirm mounting dimensions with our sales team before ordering

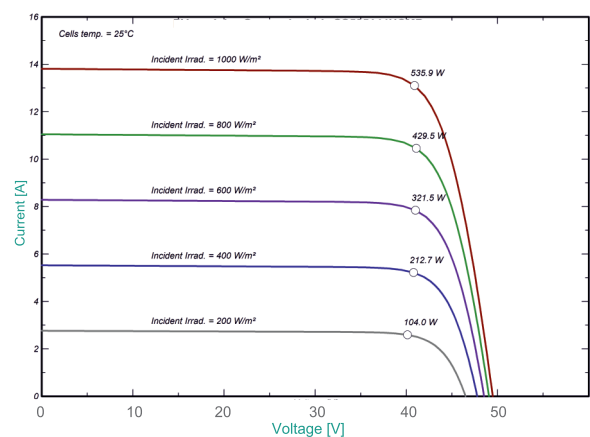
Thermal Characteristics		
Temp. Coefficients	Multicrystalline Modules	Monocrystalline Modules
Pmax	(-)0.3402%/°C	(-)0.2778%/°C
Voc	(-)0.2504%/°C	(-)0.2523%/°C
Isc	0.0287%/°C	0.076%/°C
NOCT	45 + 2°C	
Operating Temp. Range	(-)40 to 85°C	

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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