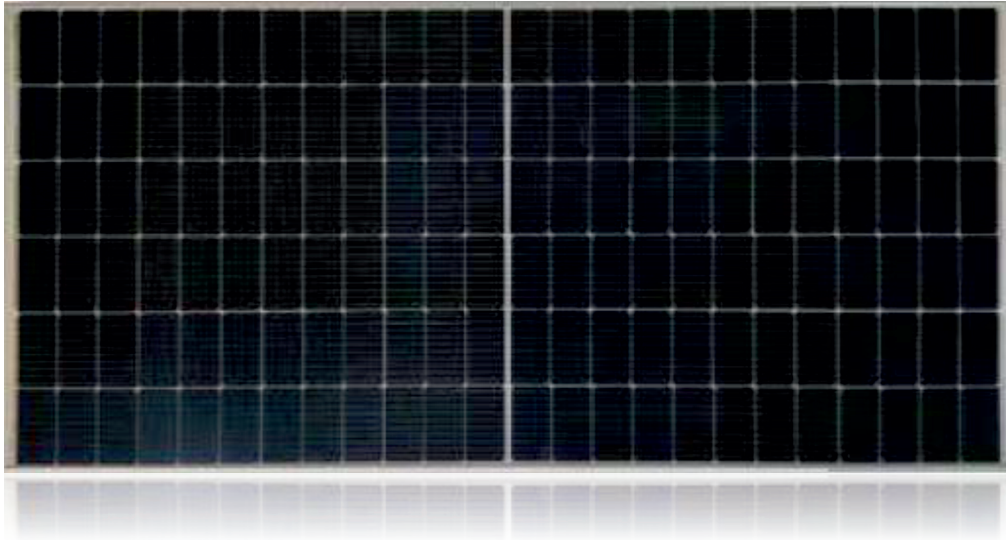


SOLAR MODULES: 535-540 Wp



Product Features

- Less Power Loss by Minimizing Shading ect
- Ideal Choice for Utility and commercial scale projects by reduced BOS
- Higher Power output with lower risk of Hot spot
- Lower LCOE & lower resistive Loss
- Excellent Performance at low Light condition
- 12 years of Limited Product Warranty
- 25 Years of Linear Power Guarantee

Quality And Safety:

- Highly ective and extremely improved modules with 182 mm 10BB Silicon cell with half cut technology
- No. of cell 144(6X24)
- Multi layer composite Film and Ultra Fast Curve EVA
- Reinforced anodized Aluminum Frame
- Pre-drilled frame for easy mounting
- IP 68 rated Split Junction Box
- Solar MC4 Compatible Connector

Application

- On Grid System
- BIPV
- Solar Farms
- Standalone (Ongrid) Systems
- Battery Charging
- Solar Water Pumping

Constructional Characteristics

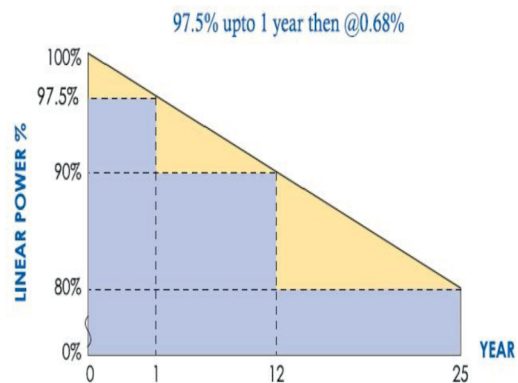
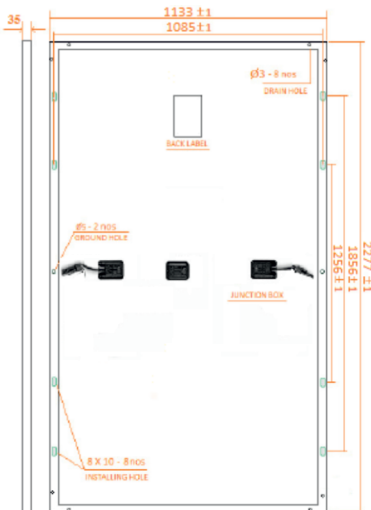
- Glass
- EVA
- Cells
- EVA
- Black Sheet
- Frame



KIRLOSKAR SOLAR MODULES

Specifications	KS 144 Series	
Electrical Characteristics		
Model No.	SS535144HCMP (KS144MP535)	SS540HCMP (KS144MP540)
Cell Type	Mono PERC Half Cut solar cell	Mono PERC Half Cut solar cell
Pmax* (W)	535	540
VOC (V)	49.47	49.62
Isc (A)	13.81	13.87
Vmax (V)	41.43	41.67
Imp (A)	12.92	12.96
Module Efficiency (%)	20.74	20.93
Power Tolerance	Positive Tolerance	
Fill Factor	78%	
Operating conditions	-40 °C +85°C at 85 % RH	
Maximum System Voltage	1500 VDC	
Temp. Co cient (α, β, γ) %	0.015% / -0.260% / -0.318%	
NOCT (Average)	50.20°C	
Module Dimensions	2277x1133x35 + 1mm	
Module Weight(kg)	27.75	
Mounting Hole (Oblong)	8X10 + 0.5mm	
Mounting Hole CTC distance - vertical	1256 + 1mm, 1856 + 1mm	
Mounting Hole from Corner	210.5 + 1mm, 510.5 + 1mm	
Mounting Hole CTC distance- Horizontal	1085 + 1mm	

Mechanical Drawing of Solar Panel



*Value at Standard Testing Conditions (STC) :Temp 25 Degrees C,Irradiance 1000W/m², AM 1.5

*Please confirm mounting dimensions and ratings with our sales team before ordering
Performance warranty

** Linear power Guarantee for 25 years with 2.5% for 1st year , 1st year degradation and 0.75% from year 2 to year 25 , IEC 61215, IEC 61730-1&2*

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