



ARG T SOLUTIONS PVT LTD
YOUR NEED, WE FIND!

Authorized Channel Partner of:

kirloskar
Solar



Go **Solar** **Save More**
with **ARGT Solutions Pvt. Ltd.**
Your Trusted Partner for Residential Rooftop Solar Solutions



Why Choose Solar for Your Home?

- Reduce your monthly electricity bills by up to 90%
- Charge your EV vehicles from solar generated electricity
- Protect yourself from rising power costs
- Get Government Subsidy under MNRE/MSEDCL schemes
- Increase your property value. Contribute to a greener, cleaner environment

Why ARGT Solutions Pvt. Ltd.?

- We are authorized Vendor for MSEDCL Rooftop Solar Projects
- Expert Installation & Service – hassle-free, end-to-end solutions
- High-Quality Solar Panels & Inverters Kirloskar make – long life & highly efficient
- Easy EMI & Finance Options Available
- Free Consultation & Site Survey
-

Our Residential Solar Packages:

- 3 kW Rooftop System – Ideal for small homes
- 5 kW Rooftop System – Perfect for medium households
- 8 kW Rooftop System – Perfect for medium households
- 10 kW Rooftop System – Best for large homes & villas

All packages include design, supply, installation, net-metering assistance, and subsidy support.



Contact us today for more info!

ARGT Solutions Pvt. Ltd.

Your Energy, Our Expertise!

📍 Gat No 1827, Pratik Bldg, Near Shell Petrol Pump,
Kuruli, Chakan, Pune – 412105

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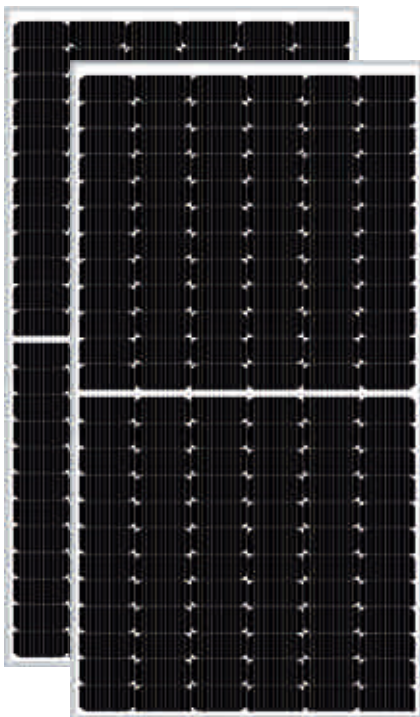
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Solar Packages output :

Package	units generated/day	units generated/year
3 kW	11-13	4000
5 kW	18-22	6600
8 kW	28-35	10000
10 kW	36-44	13200

SOLAR MODULES: DCR 540 Wp

Ideal for large - Scale Installations
Highly Efficient PV Module



upto
21.21%

Module
Efficiency



M10 Mono PERC Cells



Round Ribbon for
Better Efficiency



Works even in
Partial Light Conditions



Minimises
Micro Cracks



Reduce BOS &
Installation Costs



Process Made Simple!

Free Site Visit & Consultation

Hassle-Free Installation

Ongoing Support & Maintenance

Customized Solar Proposal

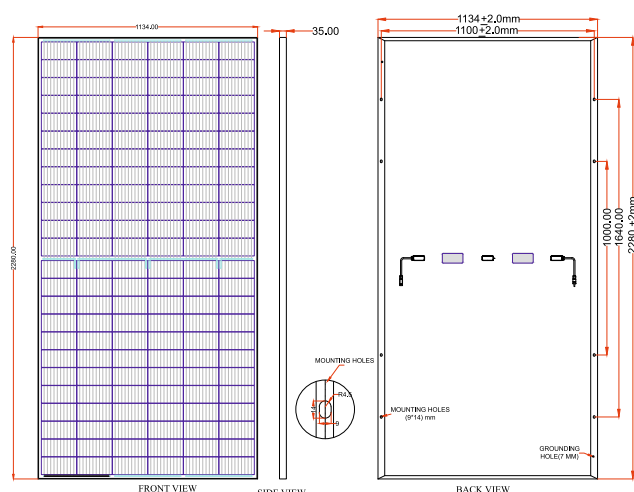
Net Metering & Subsidy Assistance



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KIRLOSKAR SOLAR MODULES	
Specifications	KS 144 Series
Model No.	KS144MP540
Electrical Characteristics	MONO PERC Half Cut Solar Cell
Peak Power Watts-Pmax	540
Power Output Tolerance - P _{MAX}	Positive Power Tolerance
Maximum Power Voltage VMPP (V)	41.80
Short Circuit Current - ISC (A)	13.79
Open Circuit Voltage Voc (V)	49.23
Maximum Power Current IMPP (A)	12.92
Module Efficiency η (%)	20.89
Mechanical Characteristics	
Solar Cells Per Module (Units)	144
Monocrystalline Solar Cell Size (mm)	91x182
Module Size (LxWxT) mmm	2280 x 1134 x 35
Weight	27.10 Kg
J - Box	Ip68 / Split junction box with individual by pass diodes
Connector	(Mc4) Amphenol
Glass	Low iron High Transmission AR coated tempere
Backcover	Poly vinyl Fluoride (Composite Film)
Frame	Silver Anodizes Aluminum Frame

Mechanical Drawing of Solar Panel



Temperature Coefficients (TC) permission operating conditions	
Tc of Open Circuit Voltage	-0.27%/°C
Tc of Open Circuit Current	-0.050%/°C
Tc of Power	-0.35%/°C
Maximum System Voltage	1500V
NOCT	45°C ± 2°C
Temperature Range	-40°C to +50°C

*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 warranty for 25 years with 2.5% for 1st year, 1st year degradation and 0.75% from year 2 to year 25

Approvals IEC 61730-1&2*, IEC 61701*



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