WinSun
Making India Green



WINSUN GREEN PVT LTD

Renewable Energy Presentation

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www.winsun.co.in



About Us

We are the Best-In-Class Solutions Provider of Renewable Energy

Making India Green

WinSun is among India's leading renewable energy solutions providers, revolutionising and redefining the way sustainable energy sources are harnessed across the industry. Present in various states across India Winsun is powering a greener tomorrow.

20 Years
Years of Expertise

450 MW
WTG OMS

160 MW
Sub-station
& EHV line OMS

150 MW
Solar EPC

70 MW
Solar OMS

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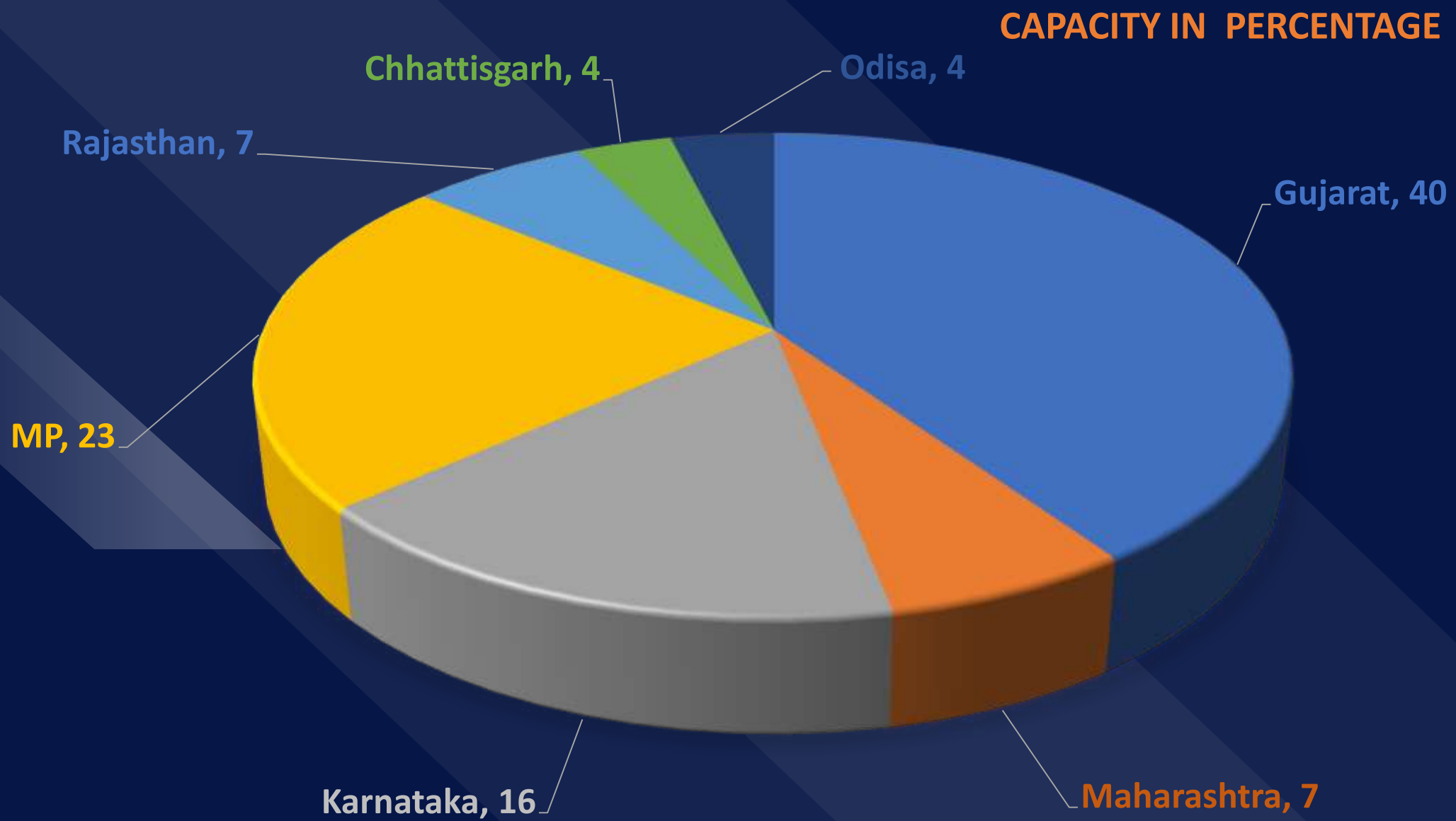
WinSun Story till now: Asset Management

State	Site	Service Type	WTG model	Capacity in MW	Maintenance Type
Gujarat	Surajbari	WTG & BOP O&M	Vestas RRB V47	15.6	Wind
	Babariya	Sub-Station & 33 HT line O&M	NA	35.2	
				20	Solar
	Otha phase 1&2			140	Wind
Maharashtra	Ahmednagar	WTG & BOP O&M	Vestas RRB V47	19.8	
	Satara	WTG O&M		7.2	
	Dhule	WTG OMS Support	Suzlon S66	5	
	Satara	O&M	NA	1.8	Solar
Karnataka	Bableshwar	WTG O&M support	SGRE G-97 & G-114	10	Wind
	Bapuram			50	
	Nirlooti			15	
	Belagavi	O&M	Ground	10	Solar
MP	Amba	WTG & BOP O&M	NA	118	Wind
Rajasthan		WTG O&M support	Vestas RRV V47	29	
				4.9	
Chhattisgarh	Raipur	O&M	Rooftop	8	Solar
	Tamnar	O&M	Rooftop	10.5	
Odisa	Angul	O&M	Rooftop	20	

Total Capacity = 520MW

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WinSun Story till now: Asset Management



WinSun

What We Offer

Our POWER Solutions

At WinSun we are dedicated to providing the highest quality renewable energy solutions and exceptional customer service. Our team is committed to delivering results meets the best of our client's expectations.



- **Renewable energy project solutions and implementation**
- **Energy market analysis and forecasting**
- **Engineering design and project management**

WIND POWER SOLUTIONS

WinSun specializes in O & M contracts. A contract that covers all aspects of your investment, a contract that minimizes your risk and maximizes your profits.

SOLAR POWER SOLUTIONS

WinSun is India's one of the finest solar operators AND provides operation and maintenance services for PV projects as an independent operator of any particular brand, technology, EPC.

OPERATION & MAINTENANCE

WinSun believes that O&M is not a "repair", but a "production" in which the O&M organization is structured to achieve higher yields with optimized O&M costs per KwH.

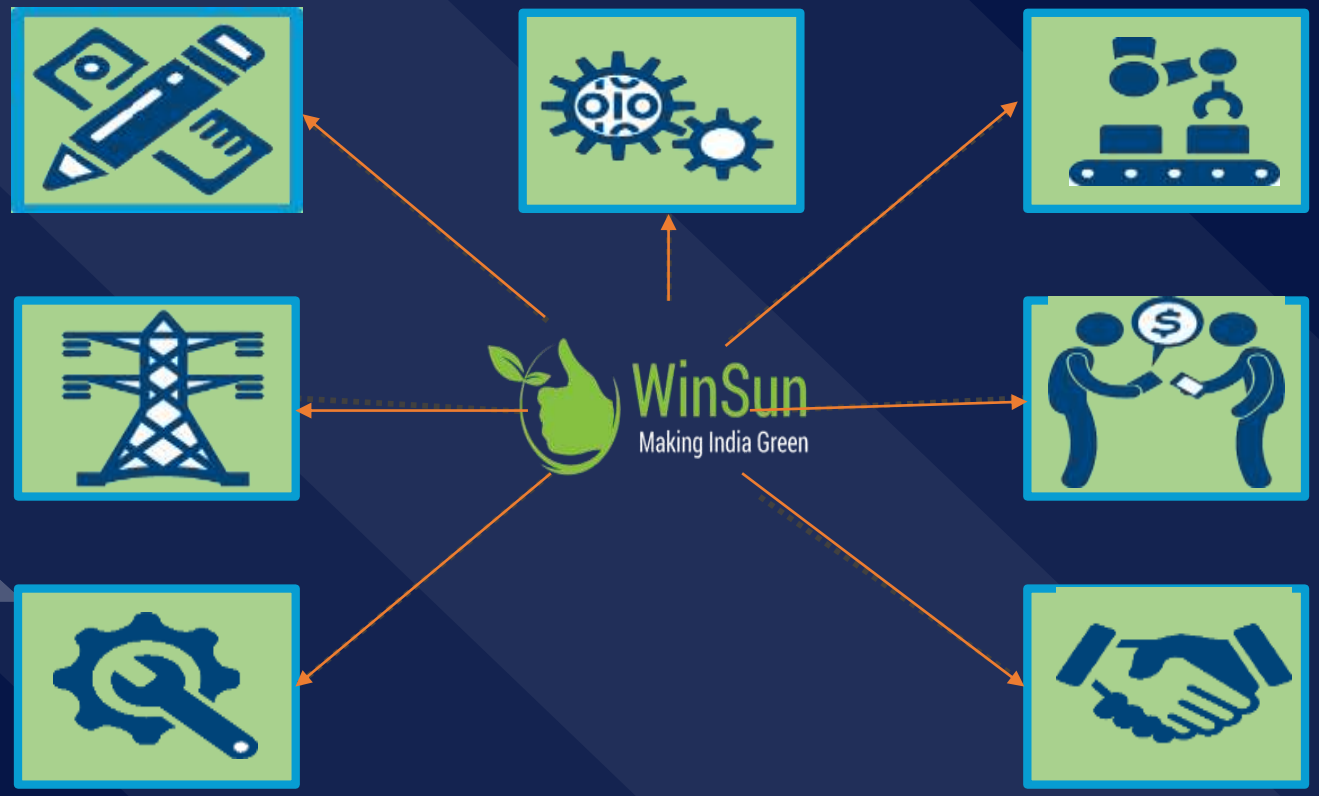
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Our Capabilities

Engineering

Design

Manufacturing



Project Execution

Trading

AMC Services

Liaisoning

WGPL

OMS-Solar & Wind

Comprehensive OMS-

1. Unscheduled Maintenance of Wind & Solar
2. Cleaning, Grass cutting, Seasonal tilt, Consumable and Spare support for solar
3. SS and HV/EHV Maintenance
4. Value added services (e.g. thermography, IV curve testing etc.)
5. Monitoring and Reporting
6. MBD Insurance
7. Consumable and Spare support
8. Corrective/Preventive Maintenance
9. Covers all expenses and MBD works package

Semi-comprehensive OMS-

1. Covers basic O&M and MBD in Clients scope
2. Provision of technical manpower (Engineers and/or Technician level) as per the requirement of the Client.
3. Corrective/Preventive Maintenance

Tailor-Made OMS Package-

1. Package designed as per the client's specific requirements

Large Corrective

- Generator, Gearbox, Blades Repair
- Transformer, Breaker Repairs
- All majors Erection/ De-erection works
- Cable Fault Detection
- HT & LT Line Repair

Technical Support

- BOP Maintenance & Monitoring of Wind & Solar
- Wind, Solar Maintenance & Monitoring
- Wind& Solar mast installations , AMC & repairs
- Due Diligence, Endoscopy & Drone inspections
- Special Energy Meter installation
- Module Thermography& I-V Curve Testing
- BDV Testing & Oil Filtration
- Transformer, Breaker, CT, PT, LA, Relay Testing

Sales and Purchase of RE Projects

- Predeveloped Projects
- Flagship Projects
- Matured Projects
- Liasioning works for the sales/purchase
- Transfer process support for name, entity, and asset as per client requirement
- PPA addressal and renewal support
- Project referrals

Spare

- E-commerce Website for the order
- Spares for New , repair & refurbished wind turbine models
- Tie-up with firms in the spare parts for more availability of the phased-out WTG/ Solar parts

EPC-Solar

- Roof-Top
- Ground Mounted
- Hybrid Solar System

Manufacturing

- LAMCO Transformers, In-house transformer manufacturing unit capacity 200KVA - 25MVA in voltage range 11/22/33kv

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WIND PROJECTS





Preventive Maintenance works

Our comprehensive suite of Wind O&M services covers all aspects of wind energy maintenance. From routine preventive maintenance that keeps your turbines running smoothly to rapid response solutions that address unexpected breakdowns, we've got you covered.

- ❖ Preventive Maintenance And Scheduled Inspections
- ❖ Remote Real-Time Monitoring And Performance Optimization
- ❖ Blade Inspections Using Advanced Aerial Technologies
- ❖ Condition-Based Maintenance Driven By Data Analysis
- ❖ Timely And Efficient Reactive Maintenance

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THINGS WE ARE BEST AT

Special Services

- Endoscopy of Gearbox & Repairs
- Blade refurbishment & reconditioning
- Generator De-Re-Erection & Repairs
- Crane-less large corrective activity
- Yield Enhancement through innovation
- Health Audit & Due Diligence of Turbines
- Tower torquing/ LEP Work
- Drone Inspections of WTG & PV panel
- Transformers onside servicing and repairs



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WIND PROJECTS

Blade Refurbishment works

- We practice high-quality material for the repairs of blades
- Material- Thermoplastic Composite, Polyester composite, Epoxy composite
- Expertise in Suzlon .Vestas , Gamesa, GE & ReGen
- Our experts provide RCA and step-wise repair procedure
- We provide 1year warranty for the blade part repaired



Blade under repairs



Fully repaired blade



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WTG PROJECTS







Generator Repair work

Major reason of generator failure

1. Rotor magnet popped –out
2. Stator winding and core failure
3. Bearing main axial and hallow shaft failure

- Winsun has expertise team for compressive solution of generator failure including De-erection and refurbishment

Executed Project

Special Energy Meter





- We do have expertise in supply erection and commissioning of SEM for C&I clients

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Highlights of SEM Initiatives





- Client Name : GRP Ltd.
- Location : Sangli, Maharashtra .

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Highlights of SEM Initiatives





- Client Name : New melting centre, Kagal
- Location : Kagal,Maharashtra.

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SOLAR PROJECTS

Preventive Maintenance works

Our comprehensive suite of solar O&M services covers a wide spectrum of needs. From routine inspections to advanced diagnostics, we have the expertise to keep your solar systems performing at their best

- Regular Panel Cleaning And Maintenance
- In-Depth Performance Monitoring And Analysis
- String And Inverter Testing And Maintenance
- Diagnosing And Addressing Shading And Efficiency Issues
- Rapid-Response Troubleshooting And Repairs

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SOLAR PROJECTS

Key installations







- Client : Alfa Biomed India Pvt Ltd.
- Project Size : 1.1 MW .
- Location : Talegaon ,Pune.
- Status : commissioned in 3 months .

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SOLAR PROJECTS

Key installations







- Client : Rama Industries .
- Project Size : 230 KW
- Location : Chakan ,Pune
- Status : commissioned in 2 months .

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WinSun - Serving with Safety as a Major Policy









- As per Winsun Green Pvt. Ltd. Safety standard method of practices, all necessary PPEs are to be used during maintenance work of transmission line, WTG related works & with respect to any works.
- As per Renew Standards, We always serve with our Services with the required Safety Standards to meet our client's Expectation as well as considering our Employees Major Safety point at a Much higher need.
- We take extreme care of our employees and ensure nothing but the best and highest standard of equipment and SOPs are used.
- All our site employees are equipped with all necessary protective gear and equipment while our sites have all that's required in case of an emergency.

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RE Project for Sale's





Wind Projects

Land type- Private

Commissioning Year- 2006 to 2019

PPA- Sale to Board /Group Captive/Open

States	Capacity (MW)
Maharashtra	49.3
Gujarat	14.2
MP	9.3
Raj	20.7
KA	9.7
AP	9.6
Total	**112.8**

Solar Projects

Land type- Private Commissioning Year- 2006 to 2011 PPA- Sale to Board /Group Captive/ open/

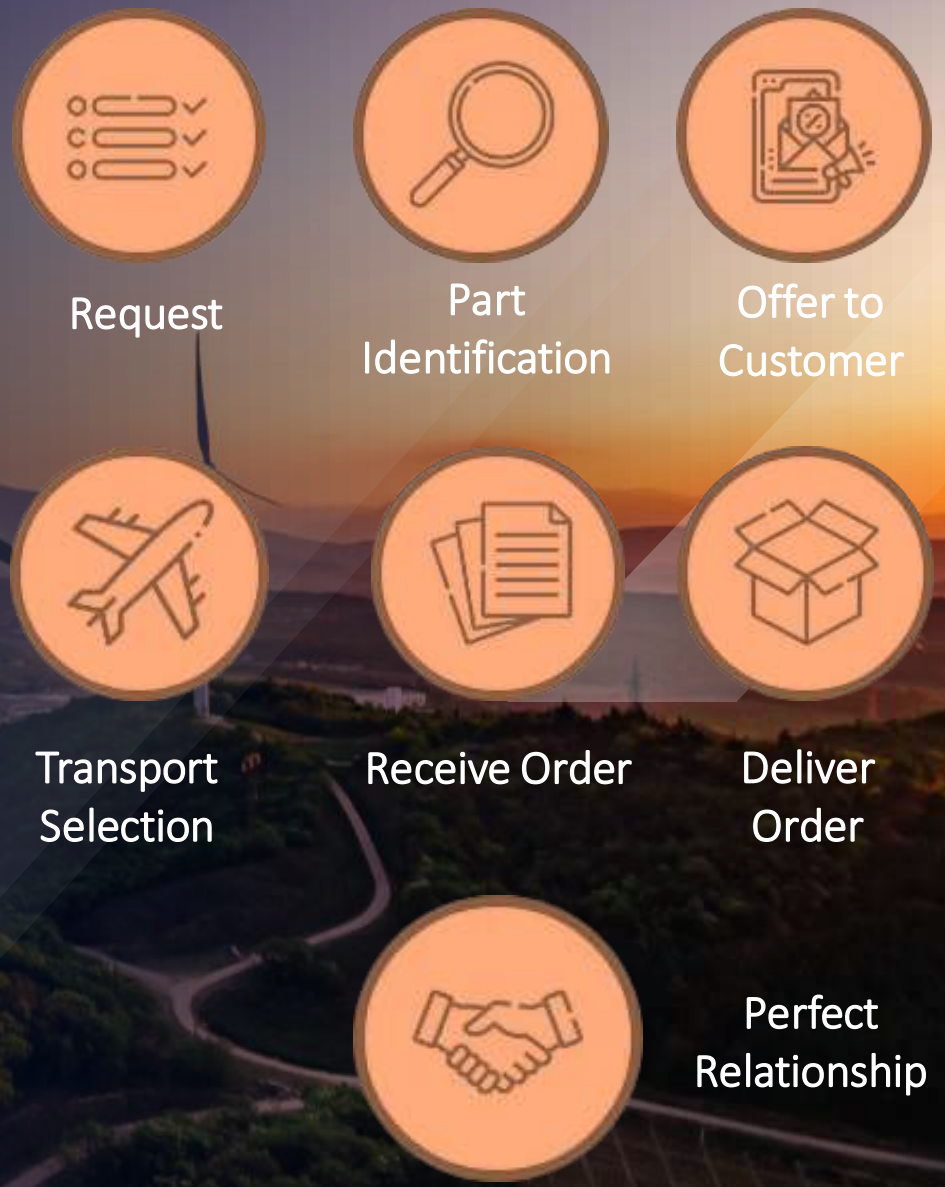
States	Capacity (MW)
Maharashtra	27
Gujarat	5
MP	2
Raj	10
KA	1
Total	**45**

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Inventory Mangement-E-Commerce

We have a large stock of New , Repaired & Refurbished spare parts Inventory for all types of wind turbine and solar projects which will be available in the open market through our website shop.winsun.co.in

- Monthly Inspection of Stock and maintenance as per the market demand
- Critical stock is maintained for high wind season to reduce downtime for the customer
- Economical prices are being maintained
- The fastest delivery is our key goal
- Marketplace for sellers and buyers of wind and solar projects.







It's time for transformation

LAMCO

TRANSFORMERS PVT. LTD.

• Manufacturing • Repairing • Maintenance • Services

LAMCO
TRANSFORMERS PVT LTD
It's time for transformation

What we offer

Incepted in the year 2016, Lamco Transformers Private Limited is one of the renowned manufacturer and supplier of a wide range of Distribution Transformer, Electrical Transformer, Power Transformer, Step Down Transformer and Solar Transformer. We also provide Transformer Maintenance Services, Transformer Repairing Services and Power Transformers Testing Services to our clients.

MAHAVITARAN ISO 9001:2015 CIDCO

Factory Address : Gut No. 679/2/3, Kuruli Village, Off. Chakan-Alandi Road, Taluka - Khed, Dist. Pune - 410501.

Ganesh Nikam : +91-9850310015 Amardeep Singh : +91-8975396610

info@lamco.in www.lamcotransformers.in

DISTRIBUTION & POWER TRANSFORMERS

STANDARD FITTINGS

- H.T BUSHING / L.T. BUSHING
- CONSERVATOR OIL FITTING HOLE
- OFF-CIRCUIT TAP CHARGER
- EARTHING TERMINALS PADS
- BOTTOM FILTER VALVE
- TOP FILTER VALVE WITH SAMPLING PLUG
- OIL LEVEL GAUGE
- RATING DIAGRAM PLATE
- AIR RELEASE VALVE
- THERMOMETER POCKET
- LIFTING LUGS
- PRESSED STEEL RADIATORS
- EXPLOSION VENT
- SILICA GEL BREATHER
- FIRST FILING OF OIL
- ISOLATING VALVES FOR RADIATOR
- JACKING PADS





TECHNICAL SPECIFICATIONS

DUTY TYPE	OUTDOOR / INDOOR
VOLTAGE CLASS	11, 22, 33 KV OR ANY SPECIFIC
NO. OF PHASES	3 PHASE
FREQUENCY	50/60 HZ
VECTOR GROUP	DYN5 or DYN11 OR YNYN0 ANY SPECIFIC
INSULATING FLUID	PCB FREE MINERAL OIL, BOTH INHIBITED & UNINGIBITED AS PER IS/IEC, ASTM D3487
CLASS OF INSULATION	CLASS A
TAP CHANGER	OFF CIRCUIT OR ONLOAD TAP CHANGER
TAPPING RANGE	2.5% X 2 FOR OCTC OR 1.25% X 8
WINDING MATERIAL	COPPER WITH MULTIPLE PAPER COVERING
APPLICABLE STANDARD	IS 1181, 1EC 60076, ANSI, IEEE
PAINTING	ENAMEL, EPOXY, POLYURETHANE OR CUSTOMER SPECIFIC

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Our Top Clients

































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Contact Us

We’re here

Contact Us To Receive FREE Quotes

701, 702, 703 K P Square, Telco Rd, Oppo. Hotel Double tree, Indira Nagar, Mohan Nagar, MIDC, Chinchwad, Pimpri-Chinchwad, MH 411019.

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Thanks

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