



# VACUNA<sup>®</sup>

## LONG LIFE BATTERIES



**T**UBULAR | **A**UTOMOTIVE | **S**OLAR | **E**-RICKSHAW **B**ATTERIES

 /vacunabatteries

 /myvacuna

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## ABOUT US

Vacuna Batteries is a product of Voltaic Industries Pvt. Ltd. Which are manufactured under the strict supervision with latest plant and machinery.

Established in year 1998, we are one of the fastest growing battery manufacturing company in India. We are accredited with various certification and are equipped with state of art manufacturing facilities. Our dedicated R & D department and quality control experts focus on continuous product development and delivering near zero defect products.

We have also developed backward integration as we are also manufacturer of lead alloys & lead oxide which are the primary raw material also for any lead acid battery and is equipped with BRUKER TASMAN Q4 for material analysis. Continual improvement with service feedback helps us to stay ahead of competition.

Inverter and Solar range batteries uses Tubular Technology and have deep cycle design. These batteries recharge very fast and are suitable for areas that suffer from frequent and long power cuts. These batteries are designed with thicker positive plates and over designed negative plates, to withstand power outage. These are the power packed batteries with more electrolyte volume and have electrolyte indicator. Vacuna Batteries uses DARAMIC Separators which are best in its segment, having low water loss property.

Vacuna Batteries are manufactured with norms keeping in mind to meet the satisfaction level of our customer. The plant runs under the guidance of trained professionals who have the years of experience under the battery industry. Vacuna provides their clients knowledge about product, right fitment, service checks for the better understanding of their client needs. Vacuna range of batteries includes automotive, solar, inverter, industrial and e-rickshaw batteries.

## VISION

Our vision is to revolutionize the energy storage sector with our cutting-edge battery technologies and empower the nation and individuals with uninterrupted power. We envision a sustainable future where clean energy is

## MISSION

Our Mission is to produce and develop quality products at a competitive price. We will always strive to service our customer with the utmost integrity, and to their complete satisfaction. It's our goal to build lasting and rewarding relationships with our customers, employees, suppliers and distributors.



## OBJECTIVE & GOAL

We are a trusted battery manufacturer with an aim to energize the world with our durable energy solutions and become a leading provider of high-quality, innovative, and sustainable battery solutions.

To provide unique and competitively priced solutions to increase the turnover of our OEM partners.

To establish ourselves as market leaders by proactively leveraging our strengths, and continuously innovating to meet and exceed customer expectations.

With innovation & customer centric approach we create an invaluable experience for our customers and stakeholders.

By getting the right product strategy in place, understanding industry trends and opportunities, and improving competitive positioning, we have set the foundation for our company's growth.

We prioritize on achieving the right results so as to maximize returns on invested capital. We leverage all our assets to enhance efficiency. With a fast execution approach, we capitalize on opportunities swiftly and drive success.

We aim to build the best capabilities both within and outside our industries on a global scale. We strive to establish a strong "Indian Made Brand" that is recognized worldwide for its quality and innovation.

### Our Key Focus Areas :

- Quality assurance
- Building strong partnerships
- Transparency
- Quick Decision-making
- Harnessing Advanced Technology

### How we achieve excellence :

- Ingenious Strategy
- Improved Technology
- Innovative Products
- Inspired Thinking
- Passion through quality
- Freedom through empowerment
- Cost through volumes

# AUTOMOTIVE BATTERY

*Life*  
**LONGER**  
**BATTERY**



## PEACE OF MIND FOR SEASONS TO COME

Automotive range batteries are designed to survive the real India-rough roads, scorching temperatures, heavy monsoons, snow, dust, narrow village streets and unpredictable highways. Each component of battery is chosen in such a way that provides durability and unlimited power. Thicker and high cranking design of grids allows a smooth start of your vehicle. Thicker glass mats with low resistance microporous PE ensures current to pass easily and cover the entire grid making it more robust by reducing chance of short circuit.



## DESCRIPTION

**Capacity Rating C5 :-** As specified in Indian standard IS 14257/7372 for high Cranking Performance

**Low antimony Selenium Lead Alloy :-** Minimize water consumption

**High Porosity PE separator with Glass Mat :-** Avoids cell short circuit & low water loss features

**Radial Grid Design :-** Provides High cranking performance

**Special Additives :-** Formulated additives for prolonged life.

**Stable Design :-** Designed to withstand Sub Continental climate & road condition

**Factory charged and wet shipped :-** Assured performance

**Testing Standard :-** IS:14257:1995



**Smart Flat  
Plate Batteries**



**Factory Charged  
Battery in Ready to  
use Condition**



**Low Maintenance and  
High Performance**



**Radial Grid Design Give  
High Cranking & Longer  
Service Life**



**High Durability with  
Sealed Plastic Housing**

# E-RICKSHAW BATTERY

*Life*  
**LONGER**  
**BATTERY**



## EXCELLENCE THAT GOES A LONG WAY

E-rickshaw range batteries has been specially developed and designed for e-rickshaws that requires daily charge and discharge cycle. Plates are designed in such a manner that provides larger surface area for high performance. Plates are covered in thicker glass mats with low resistance PE ensuring shedding and more life. Its unique features ensure maximum performance which in turn translates to better savings for the e-rickshaw owner.



- Special Design of grids Designed exclusively for e-rickshaw.
- Selenium alloy grids Providing low maintenance & high performance.
- High purity lead oxide (99.98%) used as a active material.
- Thicker separators used for long life.
- Special additives added to quickly recover from deep sulphation.
- New aesthetic & durable container.



**Special Designed  
E-rickshaw Batteries**



**Factory Charged  
Battery in Ready to  
use Condition**



**Low Maintenance and  
High Performance**



**Thicker Positive Grid  
and Thicker Glass Mat  
Ensures Long Life**



**High Durability with  
Sealed Plastic Housing**



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[www.vacuna.in](http://www.vacuna.in)

# INVERTER BATTERY

*Life*  
**LONGER**  
**BATTERY**



## THE UNSTOPPABLE POWER WITHIN

Inverter range batteries use Tubular Technology and have deep cycle design. These batteries recharge very fast and are suitable for areas that suffer from frequent and long power cuts. These batteries are designed with thicker positive plates and over designed negative plates, to withstand power outage. These are the power packed batteries with more electrolyte volume and have electrolyte indicator.



## DESCRIPTION

**Capacity Rating C20** :- Specified in Indian standard IS 13369-1992 for UPS and Inverter battery.

**Thick Spine Tubular Grids** :- To cater deep discharge in long and frequent power cut.

**Low Resistance PE Separators** :- Avoids cell short circuit & low water loss features.

**Tubular Gauntlets** :- Tubular positive plates consisting of selenium alloy grids and properly balanced Active materials enclosed in chlorine free polyester gauntlets of high bursting Strength with high performance (HP)

**High Charge Acceptance** :- Suitable in areas of Frequent power cuts & Quick Charge Acceptance.

**Well Designed** :- Negative Plates over designed with special additives for long life.

**Double nylon Rope Handle** :- Safety and ease in handling Ceramic Vent Plug with water.

**SS Fastener** :- Goodbye to sulphation/corrosion on terminals and on its joints.

**Level Indicator** :- Acid Fumes & reduces topping up.



Smart Tubular  
Batteries



Factory Charged  
Battery in Ready to  
use Condition



Low Maintenance with  
Level Indicators



High Durability with  
Sealed Plastic Housing

**SOLAR** BATTERY

*Life*  
**LONGER**  
**BATTERY**



## SOLAR-THE FUTURE OF ENERGY IS NOW

State of the art Deep Cycle Batteries/Solar Batteries has further strengthened our position as one of the precision engineered manufacturer in its chosen field. Batteries are specially designed for solar applications and equipments fulfilling all requirements as per Indian Standard.



Smart Tubular Batteries



Factory Charged Battery in Ready to use Condition



Low Maintenance with Level Indicators



High Durability with Sealed Plastic Housing

## DESCRIPTION

**Capacity Rating C10** :- Manufactured as per Indian Standard of Solar Batteries to meet all requirement.

**High Charge Acceptance** :- Tendency to pick up in Deep Discharge State with high charge acceptance.

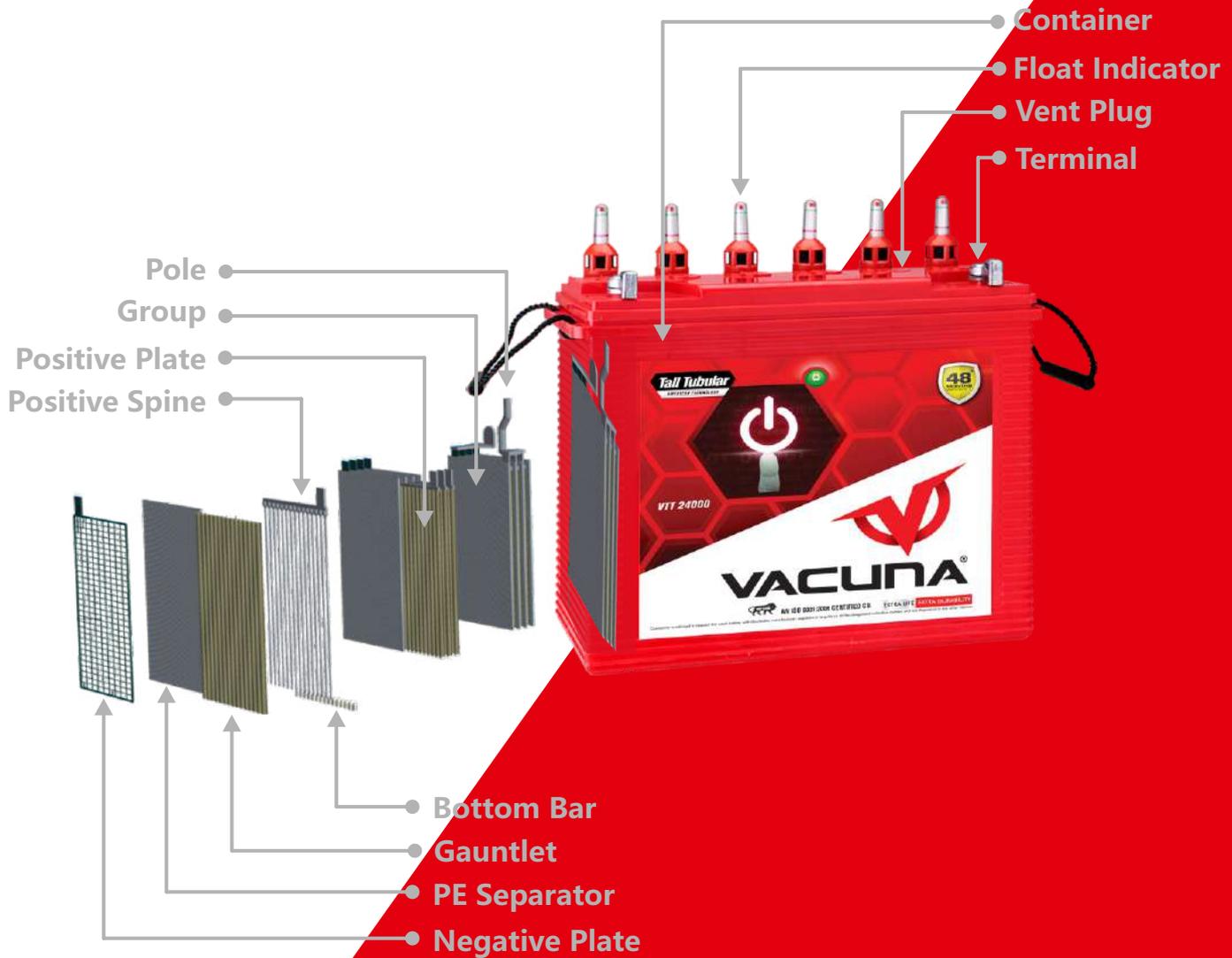
**Pure Lead** :- High purity lead oxide for active material.

**Special Alloys** :- Special Alloys to stand in worst condition.

**Less Corrosion** :- Special Nuclients are added to reduce Corrosion.

**Heavy Duty Grids** :- Large, heavy duty Tubular Spine with properly balanced Active material provides longer life and run time.

**Well Designed** :- Negative plates designed with special additives for long life.



# VACUNA Tubular Technology

**VACUNA**



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**SOLAR** PANEL



**POWER YOU  
DREAM HOME**

## SOLAR ENERGY - A BRIGHT ALTERNATIVE

State of the art Deep Cycle Batteries/Solar Batteries has further strengthened our position as one of the precision engineered manufacturer in its chosen field. Batteries are specially designed for solar applications and equipments fulfilling all requirements as per Indian Standard.



**HIGH EFFICIENCY** | **POSITIVE POWER TOLERANCE**



### 5 Busbar Solar Cell

5 busbar cell design improves module efficiency and offers better power output



### High Efficiency

Higher module conversion efficiency (up to 18.40%) benefit from Passivated Emmitter Rear Contact (PERC) technology



### Outstanding Durability

With its reinforced frame design, our modules can endure front load of up to 5400 Pa and rear load of up to 2400 Pa to withstand heavy wind & snow loads



### Better Performance in High Temperature

Our PV modules deliver efficient performance even in high temperature conditions due to its improved temperature coefficient



### Low Light performance

Advanced glass and cell surface texture design ensures excellent performance in low light environment



### Enhanced Performance

Our PV modules provide more than 80% efficiency even after 25 years of operation



### Global Certifications

IEC 61215, IEC 61730 (I & II), IEC 61853 certified  
Sand and dust storm resistant (IEC 60068)  
Salt mist, ammonia and hail resistant (IEC 61701) (IEC 62716)

# Plant and Machinery

**VACUNA<sup>®</sup>**  
AN ISO 9001:2015 CERTIFIED CO.



**PASTING MACHINE**



**PASTING OVEN**



**AGCM**

# Plant and Machinery

**VACUNA<sup>®</sup>**  
AN ISO 9001:2015 CERTIFIED CO.



**CURING CHAMBER**



**PASTE MIXER**



**BALL MILL**

# Plant and Machinery

**VACUNA<sup>®</sup>**  
AN ISO 9001:2015 CERTIFIED CO.



**TUBULAR PLATE VIBRATOR**



**AUTOMATIC WELDING  
AND SEALING LINE**



**PDC**

# Plant and Machinery

**VACUNA<sup>®</sup>**  
AN ISO 9001:2015 CERTIFIED CO.



**BRUKER SPECTROMETER**



**ADOR CHARGER  
DISCHARGER**



**ELECTRICAL AND  
CHEMICAL LAB**

**SOME OF OUR CERTIFICATIONS**

**CERTIFICATE**



**CERTIFICATE**  
*This is to Certify that*

**VOLTAIC INDUSTRIES PRIVATE LIMITED**  
D-37, UDYOGPURAM, PARTAPUR, MEERUT,  
UTTAR PRADESH - 250103, INDIA

*has been independently assessed and is compliant with the requirements of:*

**ISO 9001:2015**  
(Quality Management System)

*This certificate is applicable to the following product or service ranges:*

MANUFACTURING, TRADING, EXPORT & IMPORT OF STATIONARY  
LEAD ACID BATTERIES, VALVE REGULATED TYPE BATTERIES, AGM  
GEL BATTERIES, INVERTORS, UPS AND SOLAR PRODUCTS

Certificate No.: SPC22Q7507      Date of Initial Registration: 14-12-2022  
1st Surveillance audit on or before: 13-12-2023  
2nd Surveillance audit on or before: 13-12-2024  
Date of Re-Certification: 14-12-2025

*Johnel*  
Authorised Signatory  
SP Certification Limited  
130, Old Street, London,  
EC1V9BD, U.K.  
Email: info@spcertification.co.uk  
www.spcertification.co.uk  
Company No. 11668116





Accredited by Accreditation Forum of International Standards (AFIST (UK) LTD.)  
8, Park View Road, Leeds, LS4 2LG, United Kingdom (UK). Email: info@afist.org Website: www.afist.org  
The approval is subject to the company maintaining its system to the required standards, which will be monitored by SPC.  
The Certificate remains the property of SPC and must be returned on request.  
To check validity of this certificate please visit www.spcertification.co.uk and www.afist.org

**CERTIFICATE**



**CERTIFICATE**  
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D-37, UDYOGPURAM, PARTAPUR, MEERUT,  
UTTAR PRADESH - 250103, INDIA

*has been independently assessed and is compliant with the requirements of:*

**ISO 45001:2018**  
(Occupational Health and Safety Management System)

*This certificate is applicable to the following product or service ranges:*

MANUFACTURING, TRADING, EXPORT & IMPORT OF STATIONARY  
LEAD ACID BATTERIES, VALVE REGULATED TYPE BATTERIES,  
AGM GEL BATTERIES, INVERTORS, UPS AND SOLAR PRODUCTS

Certificate No.: SPC22O7506      Date of Initial Registration: 14-12-2022  
1st Surveillance audit on or before: 13-12-2023  
2nd Surveillance audit on or before: 13-12-2024  
Date of Re-Certification: 14-12-2025

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**VOLTAIC INDUSTRIES PRIVATE LIMITED**  
D-37, UDYOGPURAM, PARTAPUR, MEERUT,  
UTTAR PRADESH - 250103, INDIA

*has been independently assessed and is compliant with the requirements of:*

**ISO 14001:2015**  
(Environmental Management System)

*This certificate is applicable to the following product or service ranges:*

MANUFACTURING, TRADING, EXPORT & IMPORT OF STATIONARY  
LEAD ACID BATTERIES, VALVE REGULATED TYPE BATTERIES,  
AGM GEL BATTERIES, INVERTORS, UPS AND SOLAR PRODUCTS

Certificate No.: SPC22E7508      Date of Initial Registration: 14-12-2022  
1st Surveillance audit on or before: 13-12-2023  
2nd Surveillance audit on or before: 13-12-2024  
Date of Re-Certification: 14-12-2025

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**उत्तर प्रदेश निर्यात संवर्धन परिषद**  
**Uttar Pradesh Export Promotion Council**  
(Set-up by Department of MSME & Export Promotion, Government of Uttar Pradesh)  
Regd. Office : Niryat Bhawan, B Cantt. Road Qaiserbagh, Lucknow-226001  
Ph. No. 0522-2202893 E-mail : upepc@ko@gmail.com

**MEMBERSHIP CERTIFICATE**

This is to certify that M/s **VOLTAIC INDUSTRIES PRIVATE LIMITED, Meerut** is registered as **Manufacturer cum Merchant** in Uttar Pradesh Export Promotion Council with following details

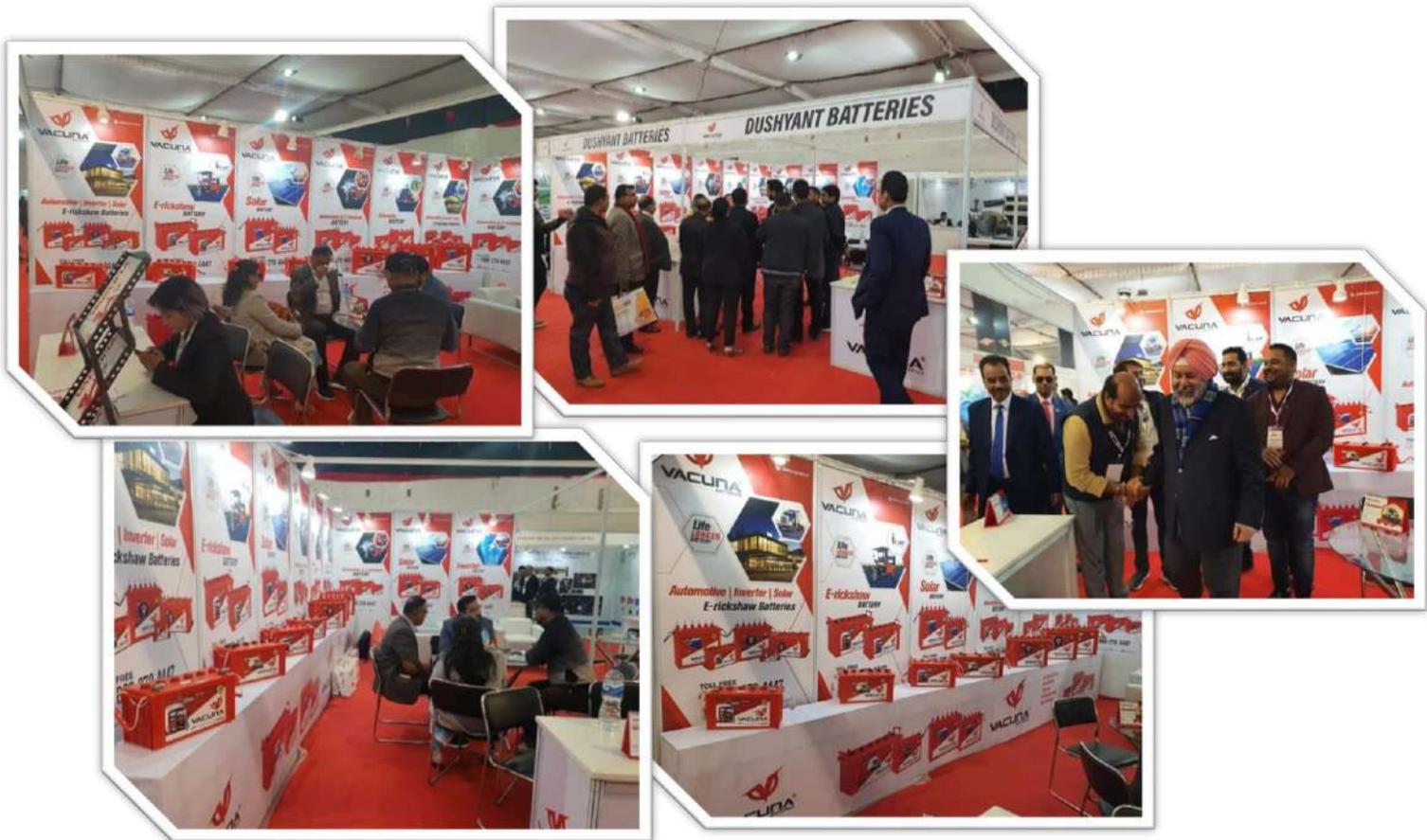
<b>Name of Exporter</b>	VOLTAIC INDUSTRIES PRIVATE LIMITED
<b>Member ID</b>	UPEPC-5615032148/2022-23
<b>IEC Number</b>	AAECV2386D
<b>Address of Registered/Head Office</b>	D-37 UDYOG PURAM , PARTAPUR INDUSTRIAL AREA,MEERUT
<b>Year of establishment</b>	2012
<b>Description of goods/services</b>	LEAD ACID BATTERIES
<b>Registered as</b>	Manufacturer cum Merchant
<b>Name of the Proprietor/Partners/Directors/karta</b>	SHASHANK SHARMA (Director), GAURAV SHARMA (Director), RADHEY SHYAM SHARMA (Director)

**This Certificate entitles the unit to all privileges of the membership on the basis of details provided and subject to the condition of the relevant rules of the Council.**

**Date of Issue:** 19/12/2022  
**Valid upto :** 31/03/2023



## DOMESTIC EXHIBITIONS













**DEALER MEETS**



## DEALER MEETS



## SERVICE ON WHEELS



# VACUNA®



**TOLL FREE NUMBER**  
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**+91 80778 47472**  
✉ [info@vacuna.in](mailto:info@vacuna.in)

**VACUNA®**  
AN ISO 9001:2015 CERTIFIED CO.

**VOLTAIC INDUSTRIES PVT. LTD**

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