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SUNGROW
Clean power for all



FEATURE STORY

India's Bid to Become
the Next Solar
Manufacturing Hub

INTERVIEW

Sunil Badesra
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Gopal Verliani
Chief Business Officer
WAA Cables Pvt. Ltd.
(WAACAB)

Navneet Bhatia
Director (India
Operations)
Universal Hydrogen

ARTICLE

Indian EV Industry Sales
Hits New Highs- March
2024

WOMEN ACHIEVERS

Women Leaders from
Renewable Energy &
E-Mobility Industry

GLOBAL LEADING PV & ESS SUPPLIER

No.1

No.1 PV Inverter global shipment

Source: S&P Global Commodity Insights

515GW+
Inverter equipment
installed globally Until
June 2023

24GW+
India
Shipments

330GW
Inverter equipment
annual production
capacity

10GW
India
Manufacturing
Unit

27
Years in the
Solar Industry

25
UPTO 25 Years Spare
Support in All Models

30GWh
ESS annual
production capacity


Accepted by all
IPP/EPC

GOPAL VERLIANI

Chief Business Officer

WAA Cables Pvt. Ltd. (WAACAB)

WAA Cables' commitment to the solar energy sector is exemplified by its motto, 'Connecting the Sun to Grid,' says **Gopal Verliani, Chief Business Officer, WAA Cables Pvt. Ltd. (WAACAB)** in an interview with Energetica India.

Q What sets WAACAB apart from other cable manufacturers in the industry? Could you elaborate on your unique selling propositions (USPs)?

Gopal Verliani: WAACAB's exclusive use of high-purity copper ensures exceptional conductivity and heightened temperature resilience in its cables. WAACAB holds prestigious certifications such as EN 50618:2014 certification from TÜVRheinland, ISO 9001, 14001, 45001, TUV, ROHS, CE, BIS, EN 50618, and IEC. These certifications highlight its dedication to maintaining consistent quality standards and compliance with industry regulations.

WAACAB specialises in providing high-quality cable solutions to the renewable energy and electric vehicle industries. The cables undergo rigorous testing procedures, including Incoming Raw Material Testing, Mechanical Testing, Electrical Testing, Chemical Testing, High Voltage Testing, Insulation Resistance Testing, Hot Set Testing, and FRLS Testing.

WAACAB has earned endorsements from prestigious organisations and has been involved in significant projects across the nation. Its influence extends to sectors such as water supply, public departments, and clean energy projects, showcasing its expertise and credibility in the industry. WAACAB has received various accolades and recognition within a short span.

Overall, WAACAB's focus on quality, certifications, rigorous testing procedures, industry specialisation, endorsements, and accolades sets them apart as a reliable and innovative player in the cable manufacturing industry.



Q WAA Cables emphasises the motto 'Connecting the Sun to Grid.' How does your company contribute to the solar energy sector, and what specific products and solutions do you offer for this segment?

Gopal Verliani: WAA Cables' commitment to the solar energy sector is exemplified by its motto, 'Connecting the Sun to Grid.' Our company plays a crucial role in advancing solar energy by offering a comprehensive range of solar cables, connectors, and ACDB & DCDB solutions tailored to meet the diverse needs of end-users. Our portfolio includes solar cables, flat submersible cables, house wires, earthing cables, welding cables, rubber battery cables, aluminium/copper armoured & unarmoured cables, and flexible cables, among others.

One of our key differentiators is our use of pure electrolyte-grade copper, ensuring highly conductive wires with exceptional high-temperature tolerance that exceeds industry standards. This commitment to quality and innovation extends to our entire product range, including power cables, control cables, communication cables, signal cables, and grounding cables. We prioritise customer satisfaction by offering bespoke solutions that can be customised to precise requirements and specifications.

Through leveraging advanced technologies and premium materials, WAA Cables guarantees the durability, reliability, safety, and performance of its products, setting a benchmark for excellence in the cable manufacturing industry. Our focus on renewable en-

ergy and electric vehicles (EVs) further solidifies our position as a trusted partner for those seeking top-tier cable solutions aligned with the evolving needs of the sustainable energy sector.

Q Can you discuss the technological advancements and innovations implemented by WAA Cables to enhance the performance and reliability of its products?

Gopal Verliani: WAA Cables is at the forefront of technological advancements, continuously integrating cutting-edge innovations to enhance the performance, safety, efficiency, and sustainability of its products. Here are key points highlighting our technological advancements:

High-Speed Data Transmission: Our cables such as Cat6A and Cat8 enable faster internet speeds and data transfer, meeting the demands of modern digital connectivity.

Fire-Resistant Designs: Our cables are designed to maintain integrity during fires, ensuring critical infrastructure remains operational and safe.

Environmental Focus: We prioritise eco-friendly materials and processes to reduce our environmental impact, aligning with sustainability goals.

Smart Cables: We incorporate smart technologies into our cables, enhancing functionality and efficiency in various applications.

Low-Smoke Zero-Halogen (LSZH) Cables: Our LSZH cables emit minimal smoke and no toxic gases in fires, contributing to safer environments.

Flexible and Durable Designs: Our cables are engineered to be flexible and durable, withstanding frequent bending and harsh conditions without compromising performance.

Cable Management Solutions: We offer innovative products for organised and secure cable management, optimising infrastructure efficiency and reliability.

These technological innovations exemplify WAA Cable's commitment to advancing technology and meeting the evolving demands of a changing world, focusing on speed, reliability, safety, and sustainability.

Q Could you elaborate on WAA Cable's commitment to sustainability and environmentally friendly practices?

Gopal Verliani: WAA Cables has taken multiple steps to reduce its environmental impact such as prioritising eco-friendly materials and reducing hazardous substances in production, implementing energy-efficient manufacturing processes and facilities, focusing on waste reduction through responsible waste management and recycling programs, investing in renewable energy sources for its operations and adopting sustainable packaging materials and practices to minimise pack-

aging waste and reduce environmental harm.

We adhere to environmental regulations and certifications, ensuring our products meet stringent environmental standards. Our ongoing research and development efforts aim to create more energy-efficient and environmentally friendly cable and wire products.

Our environmentally conscious product designs prioritise longevity, durability and recyclability. Engaging with stakeholders, including customers and suppliers, helps promote sustainable practices throughout the supply chain. We communicate our sustainability efforts and achievements transparently to build trust with environmentally conscious consumers.

Q How does WAA Cables adapt to the growing needs of the energy sector, particularly in the realm of smart electricity?

Gopal Verliani: The surge in energy sector requirements, notably within the domain of smart electricity, stems from the widespread adoption of cutting-edge technologies and the imperative for more streamlined, eco-friendly, and interconnected power networks. Smart electricity entails the amalgamation of digital advancements, sensors, and communication frameworks into traditional power grids, fostering real-time monitoring, automation, and optimisation of energy flow.

WAA Cables responds to the escalating needs of the energy sector, specifically within the realm of smart electricity, by offering innovative cable solutions. These solutions facilitate enhanced connectivity, improved efficiency, and seamless data transmission, addressing the demands of intelligent grid systems. WAA Cables plays a crucial role in facilitating the integration of smart technologies within the energy infrastructure.

Q What innovative strategies does the company employ to align with green energy objectives?

Gopal Verliani: Green energy goals encompass the collective endeavours and targets set by governments, organisations, and industries to transition towards more sustainable and environmentally friendly energy sources. These objectives primarily aim to curb carbon emissions, combat climate change, and foster a cleaner, renewable energy landscape.

By adopting sustainable practices in its operations and supporting renewable energy projects, WAA Cables demonstrates a comprehensive commitment to green energy goals, encompassing both its products and operational practices.