



2026

**COSPOWERS NEW ENERGY PVT. LTD.**

Driven by Service, Defined by Reliability.

# COSPOWERS NEW ENERGY PVT. LTD.

COMPANY PROFILE



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

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# About Us.

COSPOWERS is a leading manufacturer of advanced lithium-ion batteries and energy storage solutions in India, passionately committed to accelerating the transition to sustainable energy. We proudly promote cutting-edge products for Telecom, Home/Office UPS, Industrial ESS, and large-scale BESS solutions in MWh capacities.

Aligned with the Government of India's "Make in India" initiative, we design and produce world-class energy solutions for electric mobility, telecommunications, solar energy, and Battery Energy Storage Systems (BESS). Our state-of-the-art manufacturing facility in Hyderabad, supported by a robust PAN-India service network, ensures the delivery of high-quality, reliable, and efficient solutions, significantly reducing import dependency.

Beyond manufacturing, we excel in providing both in-warranty and beyond-warranty repair services, effectively extending battery life beyond five years while minimizing spare part usage and repair costs. Driven by innovation and an unwavering commitment to sustainability, our expert management team, skilled workforce, and dedicated R&D division develop scalable solutions tailored to meet the dynamic needs of the industry.

Trusted by renowned industry leaders such as JIO, GPL, Indus Towers, Airtel, L&T, TATA, and many more, we are advancing into cutting-edge BESS and inverter battery solutions. We remain steadfast in our dedication to driving economic growth, fostering skill development, and creating employment opportunities across India, contributing to a brighter and more self-reliant future for the nation.

At COSPOWERS, our mission is clear- to power progress, protect the planet, and achieve global recognition by manufacturing world-class energy solutions in India for the world.

Join us in shaping a greener, smarter, and more self-reliant future for India and the world.

**Jai Hind, Jai Bharat.**



# Mission, Vision & Our Values.

## MISSION

- Accelerate India's transition to sustainable energy by pioneering cutting-edge lithium-ion storage technologies and innovative solutions.
- Provide tailored energy solutions across electric mobility, telecommunications, BESS, and renewable energy applications, empowering industries and communities.
- Harness advanced manufacturing, robust quality control, and a nationwide service network to deliver reliable, efficient, and eco-friendly energy systems.
- Drive innovation, inclusivity, and sustainability to support India's self-reliance, foster global recognition, and build a cleaner, greener future for generations to come.

## VISION

Our vision is to deliver reliable lithium-ion battery packs and comprehensive energy solutions tailored to India's diverse operating conditions. We strive to achieve this through continuous innovation, uncompromising quality, and superior customer service, while actively engaging all stakeholders to drive sustainable growth and long-term success.

## OUR VALUES

- **Sustainability:** Championing green energy solutions to combat climate change, reduce environmental impact, and secure a sustainable future for generations to come.
- **Innovation:** Driving technological advancement through pioneering research, cutting-edge manufacturing, and customized solutions tailored to evolving energy needs.
- **Quality Excellence:** Upholding world-class standards with rigorous testing and uncompromising quality control to deliver reliable and efficient energy systems.
- **Customer Commitment:** Building trust through exceptional service, a robust Pan-India support network, and solutions that empower industries and communities.
- **Collaboration & Growth:** Fostering strategic partnerships and inclusive opportunities that drive mutual success and contribute to India's self-reliance and global prominence.

# The Organization.



**S A GAFFOOR**  
DIRECTOR



**SHASHI NAIR KARATH**  
DIRECTOR



**SUNIL DAS**  
DIRECTOR - MARKETING



**AJAY DEO**  
VICE PRESIDENT - SERVICE

# The Team.



**B UDAY BHASKAR**  
PROJECT LEAD



**CHANDAN KALAGARA**  
MARKETING LEAD



**S SAI KARTHIK**  
DESIGN LEAD



**S A ROSHAN**  
TECHNICAL LEAD



**ASISH M**  
QUALITY LEAD



**TEJENDRA J**  
R&D MANAGER

# Product Portfolio & Range



## 1. Residential & Household Energy Storage

*Green energy independence for smart homes, offering portability, wall-mount, and stackable options.*

Product Series	Application	Capacity / Power Range	Key Features
GYFP48100IV-4U	Rack-Mount Inverter Battery	<b>48V / 100Ah</b> (4.8 kWh)	Ideal for home inverter backup, Compact design, <3% self-discharge
CP-WM-X	All-in-One Home UPS	<b>1100VA - 2500VA</b>	Wall-mount, Integrated Li-ion battery & inverter, Zero maintenance
CW5000-X	Wall-Hanging ESS	<b>5.12 kWh - 10.24 kWh</b>	All-in-one power supply, PV/Mains priority modes, Space-saving
CS5000-X-P	Stackable ESS	<b>5.12 kWh - 20.48 kWh</b>	Modular stack design, flexible expansion, Elegant aesthetic
CE-5	Wall-Mount Battery	<b>5.12 kWh</b>	Slim aesthetic, Scalable (up to 8 units), Compatible with major inverters
CE-X-S	High Voltage Stack	<b>10.24 - 30.72 kWh</b>	Wire-free stacking (200V-600V), High efficiency, Modern design
CP Series	Portable Power Station	<b>330W - 2200W</b>	Pure sine wave, PD60W fast charge, multiple DC/AC outputs
CP12100HP	Compact Storage	<b>12.8V / 100Ah</b>	Retro-fit Design (1P4S), 3500+ cycles, Lightweight
CR5000-5	Trolley Power Station	<b>5000W / 5.12 kWh</b>	Mobile trolley design, Solar/Grid charging, 6000+ cycles

# Product Portfolio & Range

## 2. Network & Telecom Energy Storage

*Critical backup solutions for telecom towers, switching centers, and data infrastructure.*

Product Series	System Type	Voltage / Capacity	Key Features
CF48100T-3U	Telecom ESS	48V / 100Ah (4.8 kWh)	Natural cooling (<35°C ambient), 3500+ cycles, Gyroscopic anti-theft
GYFP48100T-4U	Telecom ESS	48V / 100Ah (4.8 kWh)	Intelligent BMS, wide temp range, 19-inch rack compatible
GYFP48100TPM-4U	Telecom ESS	48V / 100Ah (4.8 kWh)	Optimized for high C-rate applications
CF48050U	Data Center ESS	480V / 50Ah (24 kWh)	High Voltage DC (HVDC), 4000 cycles, 4C discharge rate, Touch LCD HMI

## 3. Industrial, Commercial & Grid-Scale ESS

*Scalable systems for peak shaving, renewable integration, and grid stability.*

Product Name	System Type	Power / Capacity	Cooling & Safety
Power Eco	Outdoor Cabinet	100kW / 224kWh	Air Cooling, Perfluorohexanone fire suppression, 1000V DC Bus
Power Eco	Large C&I Cabinet	250kW / 464kWh - 522kWh	Liquid Cooling, Integrated AC/DC, 7-inch HMI, IP54
EnerGalactic	Grid-Scale Container (20ft)	2500kW / 5015kWh	Liquid Cooling, 314Ah Cells, Pack-level fire protection, IP54

## 4. Electric Vehicle (EV) Battery Solutions

*High-performance Lithium-ion battery packs for E-Mobility applications.*

Product Series	Application	Voltage / Capacity	Key Features
EV Lion 060100	E-Auto / 3-Wheeler	60.8V / 100Ah (6.08 kWh)	Deep discharge capability, Robust casing
EV Lion 060024	E-Scooter / 2-Wheeler	60.8V / 24Ah (1.46 kWh)	Lightweight, Compact, High efficiency
EV Lion 051100	E-Rickshaw	51.2V / 100Ah (5.12 kWh)	Long cycle life, Smart BMS protection
EV Lion 051200	Heavy Duty EV	51.2V / 200Ah (10.24 kWh)	High capacity, Fast charging support

## Technology & Quality Assurance

- **Core Chemistry:** Lithium Iron Phosphate (LFP) for maximum safety and cycle life (up to 9,000 cycles for grid cells).
- **Certifications:** UL1973, UL9540A, IEC62619, UN38.3, CE, and BIS etc... (for relevant models).
- **Approvals in Process:** Currently undergoing **BSNL-TSEC certification** (Technical Specification Evaluation Certificate) for telecom infrastructure compliance.
- **Smart Integration:** Most systems feature integrated Cloud Monitoring, APP control, and intelligent BMS with multi-level protection (Over-voltage, Over-current, Thermal. Etc.).

# Our Service Spectrum



Central LFP Battery Assembly Unit with Repair Center



Regional Service Managers



Field Service Engineers



## Service Offerings: Telecom & Utility Scale

- **Turnkey I&C:** End-to-end Installation & Commissioning of battery systems at telecom sites.
- **Comprehensive O&M:** Proactive maintenance and 24/7 support to prevent outages and maximize uptime.
- **Advanced Diagnostics (RCA):** Deep-dive Root Cause Analysis for battery faults to prevent recurrence.
- **Asset Refurbishment (BRG):** Component-level BMS repair & Cell refurbishment at our Hyderabad Battery Repair Centre to extend asset life.
- **System Integration:** Optimization of battery parameters with existing SMPS Charging infrastructure.
- **Turnkey I&C:** Installation and Commissioning for containerized BESS projects (Air & Liquid cooled).
- **Lifecycle O&M Contracts:** Tailored Annual Maintenance (AMC) and Preventive Management (PMC) contracts.
- **Technical Consultancy:** Specialized manpower deployment and workforce planning for large-scale projects.
- **Customer Training:** On-site and remote operational training for client technical teams.
- **Centralized Service Hub:** Data Centre support for answering customer calls, tracking complaints, and aligning field service teams for swift resolution.

# Our Major Projects

- ✓ **Telecom:** Managing a massive footprint of over **1 million battery modules**, ensuring the reliability of over **5 GWh** of deployed energy capacity.
- ✓ **Utility Scale:** Driving grid resilience through specialized services for major utility-scale projects totaling over **100 MWh+**.



Reliance Jio-Telecom Site Base Station Project, India



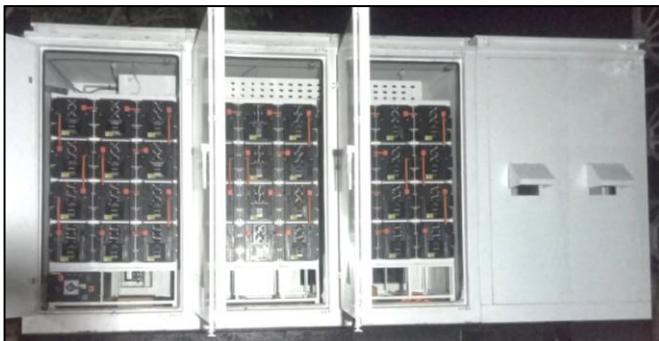
Indus Towers-Telecom Site Base Station Project, India



L&T Solar/BESS Project of 64 MWh, Gujarat, India



PGCIL Grid/BESS Project, Gurgaon, India



Rebuffr BESS Project of 0.62 MWh, Coimbatore, India



Replus EV Charging Project of 1.25 MWh, Vellore, India



East Africa Regional Solar/BESS Project, Somalia



JSW Energy BESS Project of 5.015 MWh, Pune, India

# Our Manufacturing & Testing Capabilities.



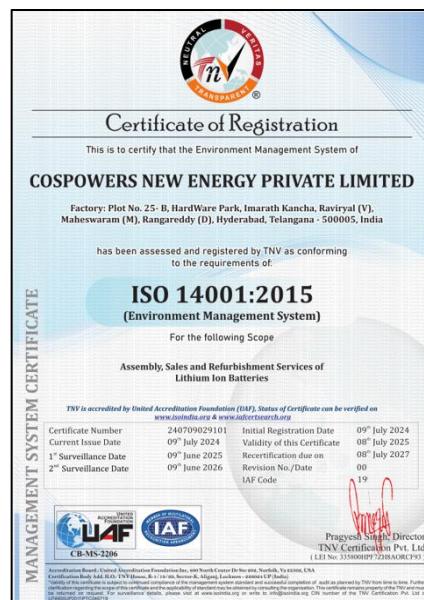
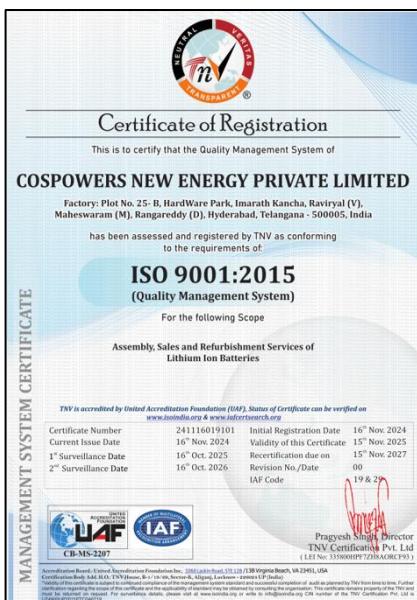
## Battery Repair Centre (BRC)



# Our Certifications.



Startup India Recognition by MoCI (GoI)



ISO 9001:2015  
(Quality Management System)

ISO 14001:2015  
(Environment Management System)

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

## Our Valued Clients

				
				
		 Kerala State Electronics Development Corporation Ltd. (A Govt. of Kerala Undertaking)		
			 LIMITED	
		 REFORM THE ENERGY	 phocos	
				
		 CLN ENERGY		
				

& Many More...

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