

Stay Charged with Lecxo Tubular Batteries

Your Home's Energy Backbone

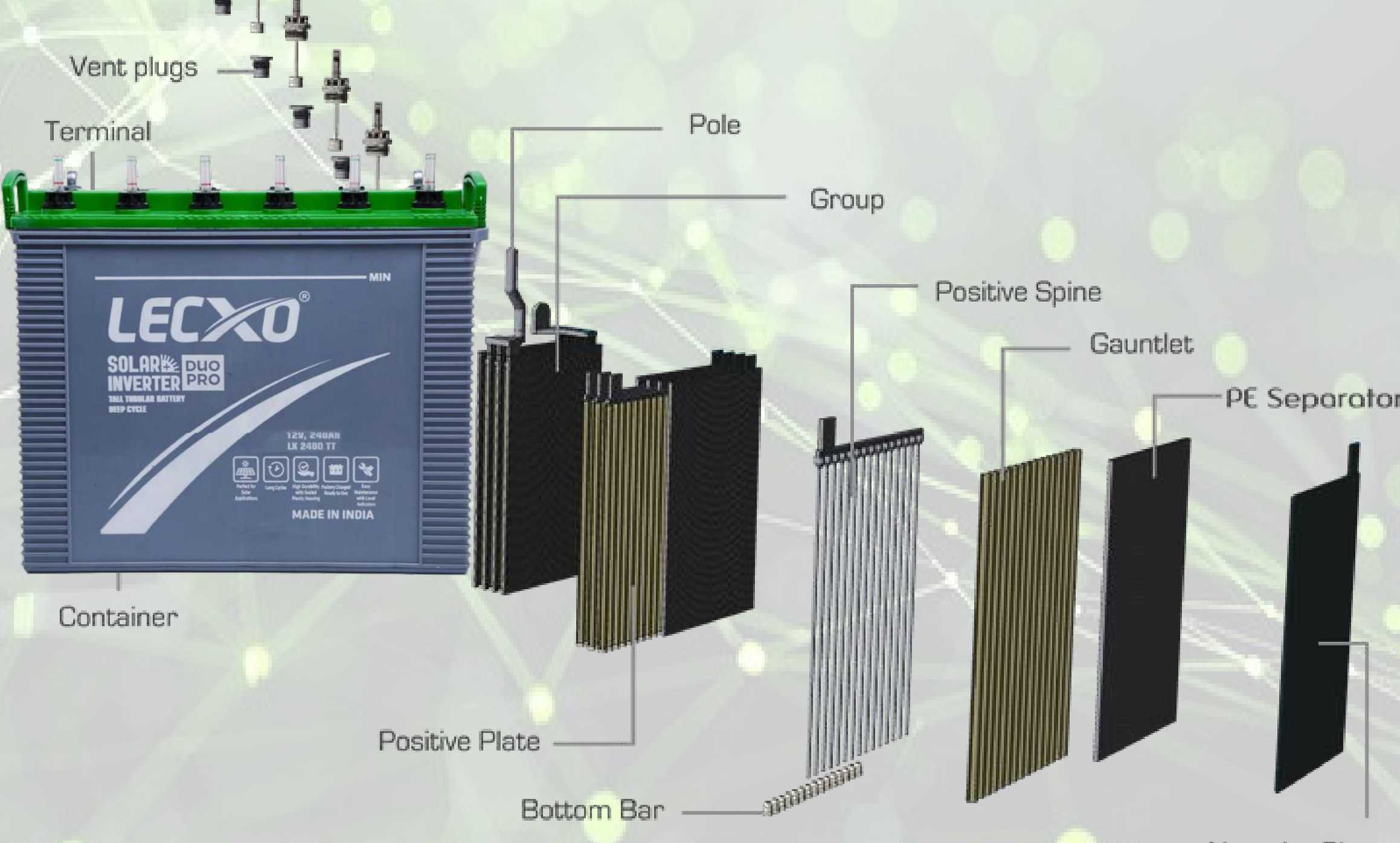
- High Energy Efficiency
- Perfect for Solar Applications
- Superior Durability
- Easy Maintenance With Level Indicators
- Factory Charged Ready To Use



Lecxo Tubular Battery is Perfect Combination with Solar power

LET'S EXPLORE MORE ABOUT PRODUCT

Each of these components plays a crucial role in the overall functionality and durability of the Lecxo Tubular Battery, contributing to its efficiency, long lifespan, and suitability for various applications, including solar energy systems.



Detailed explanation of each component in the image :

1. Container

- Function: The container holds all the internal components of the battery. It is typically made of durable, non-conductive material to ensure the battery's structural integrity and safety.

2. Vent Plugs

- Function: Vent plugs allow gases generated during the charging and discharging processes to escape safely. They also help in maintaining the electrolyte level and can be used to refill the battery.

3. Float Indicator

- Function: The float indicator provides a visual cue for the electrolyte level within the battery, helping users know when it's time to top up the electrolyte.

4. Terminal

- Function: Terminals are the points of connection for the battery's positive and negative cables. These allow the battery to connect to an inverter or any other electrical system.

5. Pole

- Function: The pole connects to the terminal and allows for the secure attachment of the battery cables. It serves as a pathway for the flow of current in and out of the battery.

6. Group

- Function: The group typically refers to a collection of plates (positive and negative) that are assembled together to increase the battery's capacity.

7. Positive Spine

- Function: The positive spine forms the backbone of the positive plates. It is designed to provide a longer service life and to reduce the corrosion of the plates, enhancing battery longevity.

8. Gauntlet

- Function: The gauntlet (also known as the tubular bag) encloses the positive spine and active material, preventing the material from shedding during the battery's life cycle. This feature is key to the long life of tubular batteries.

9. PE Separator

- Function: The Polyethylene (PE) separator is placed between the positive and negative plates to prevent short circuits while allowing ionic flow during the charge and discharge cycles. It ensures the battery's safe and efficient operation.

10. Positive Plate

- Function: The positive plate contains active material (usually lead dioxide) that undergoes chemical reactions during the battery's operation to produce electrical energy.

11. Negative Plate

- Function: The negative plate typically contains a different form of lead (sponge lead). It works in conjunction with the positive plate during the electrochemical reactions inside the battery.

12. Bottom Bar

- Function: The bottom bar supports the positive and negative plates, ensuring they are securely held in place within the container. It helps maintain the structure and alignment of the plates.

DO's & DON'T - TIP TO KEEP YOUR BATTERY HEALTHY

DO's

Freshening charge after 3 months

Use petroleum jelly over terminal & fasteners

Provide sufficient ventilation

Don't leave the battery in a discharged condition

Check proper setting of inverter

Keep away from sparks, heat source or fire.

DON'T

Don't transport battery in tilted condition

Don't keep the battery directly exposed to rain, dust or sunlight

Don't over tighten the connectors

Don't try to dismantle the battery

Don't mix the batteries of Ah, different age & different manufacturer

Technical Specifications of Lecxo Tubular Batteries

<div>Model 1: Lecxo Tubular Battery 100 Ah<ul style="list-style-type: none">Capacity: 100 AhDimensions: 410 mm x 175 mm x 280 mm (L x W x H)Weight: 30 kgCharging Time: 8-10 hoursWarranty: 4 years</div>	<div></div>	<div>Model 2: Lecxo Tubular Battery 150 Ah<ul style="list-style-type: none">Capacity: 150 AhDimensions: 505 mm x 190 mm x 415 mm (L x W x H)Weight: 52 kgCharging Time: 10-12 hoursWarranty: 4 years</div>	<div></div>
<div>Model 3: Lecxo Tubular Battery 180 Ah<ul style="list-style-type: none">Capacity: 180 AhDimensions: 520 mm x 220 mm x 420 mm (L x W x H)Weight: 60 kgCharging Time: 12-14 hoursWarranty: 5 years</div>	<div></div>	<div>Model 4: Lecxo Tubular Battery 200 Ah<ul style="list-style-type: none">Capacity: 200 AhDimensions: 535 mm x 220 mm x 420 mm (L x W x H)Weight: 65 kgCharging Time: 12-15 hoursWarranty: 6 years</div>	<div></div>

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