

Stay Charged with Lecxo Tubular Batteries Your Home's Energy Backbone

MADE IN INDIA

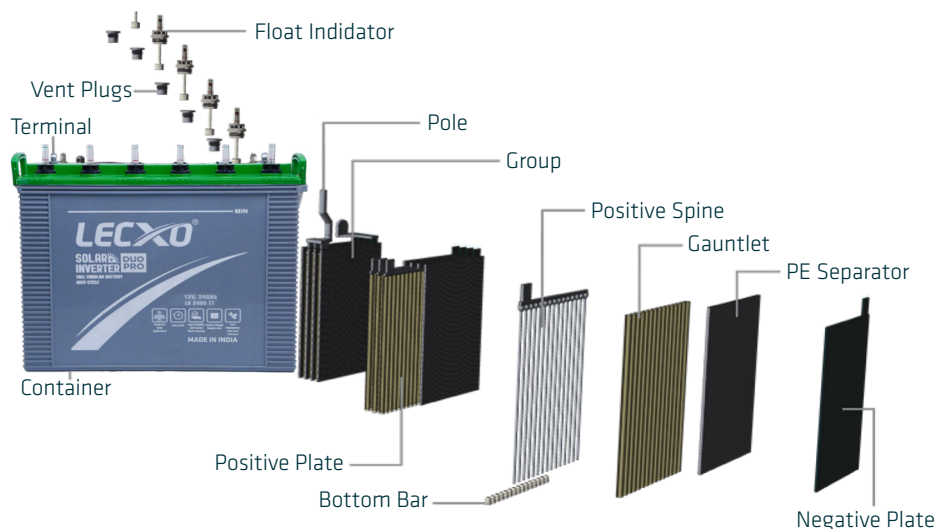
-  Superior Durability
-  High Energy Efficiency
-  Perfect for Solar Applications
-  Factory Charged Ready To Use
-  Easy Maintenance With Level Indicators



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.



Technical Specifications

Parameters	100 Ah	150 Ah	200 Ah	220 Ah	230 Ah	240 Ah
Nominal Voltage	12V	12V	12V	12V	12V	12V
No. of Cells	6	6	6	6	6	6
Design Life	8 Years	8 Years	8 Years	8 Years	8 Years	8 Years
Nominal Capacity (27°C)						
20 hour rate (10A,10.5)	100 Ah	150 Ah	200 Ah	220 Ah	230 Ah	240 Ah
10 hour rate (16A,10.5V)	88 Ah	132	176.0 Ah	193.6	207	211.2
3 hour rate (38.24A, 10.8V)	64.5	96.8	129	141.9	152.11	154.8
Backup (Hr:Min)	1.95	2.93	3.91	4.3	4.5	4.69
Self Discharge	<3% Pm	<3% Pm	<3% Pm	<3% Pm	<3% Pm	<3% Pm
Operating Temperature Range						
Discharge	0-55°C	0-55°C	0-55°C	0-55°C	0-55°C	0-55°C
Charge	0-55°C	0-55°C	0-55°C	0-55°C	0-55°C	0-55°C
Storage	0-55°C	0-55°C	0-55°C	0-55°C	0-55°C	0-55°C
Max. Discharge Current 77°F(25°C)	600A(3s)	600A(3s)	600A(3s)	600A(3s)	600A(3s)	600A(3s)
Short Circuit Current	100A	150A	200A	220A	230A	240A
Charge Methods:	CCCV 77°F(25°C)	CCCV 77°F(25°C)	CCCV 77°F(25°C)	CCCV 77°F(25°C)	CCCV 77°F(25°C)	CCCV 77°F(25°C)
Cycle Use	14.4-14.7V	14.4-14.7V	14.4-14.7V	14.4-14.7V	14.4-14.7V	14.4-14.7V
Maximum Charging Current	10A	15A	20A	22A	23A	24A
Temperature Compensation	75mV/300moh	75mV/300moh	75mV/300moh	75mV/300moh	75mV/300moh	75mV/300moh
Standby Use	13.8-14.2V	13.8-14.2V	13.8-14.2V	13.8-14.2V	13.8-14.2V	13.8-14.2V
Dimension	503 X 190 X 408	503 X 190 X 408	503 X 190 X 408	503 X 190 X 408	503 X 190 X 408	503 X 190 X 408
Weight+-3% Kgs	52	56	63	65	65.5	66

Certification and compliance. *Design life is as per standard parameter of Temp., humidity and uses condition.

Discharge Constant Current (Amperes at 27°)

110Ah			
Hours	3 h	10 h	20 h
Final Voltage	10.8	10.5	10.5
% of 10h capacity	64.5	88	100

110Ah			
Hours	3 h	10 h	20 h
Final Voltage	10.8	10.5	10.5
% of 10h capacity	96.8	132	150

110Ah			
Hours	3 h	10 h	20 h
Final Voltage	10.8	10.5	10.5
% of 10h capacity	129	176	200

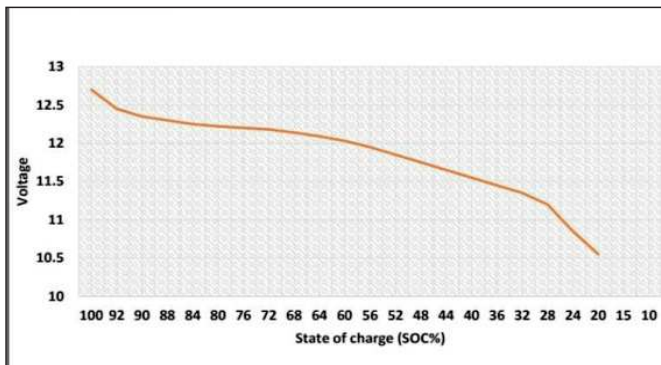
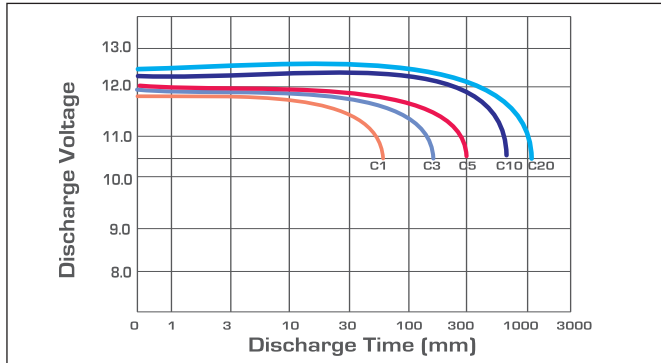
110Ah			
Hours	3 h	10 h	20 h
Final Voltage	10.8	10.5	10.5
% of 10h capacity	141.9	193.6	220

110Ah			
Hours	3 h	10 h	20 h
Final Voltage	10.8	10.5	10.5
% of 10h capacity	152.11	207	230

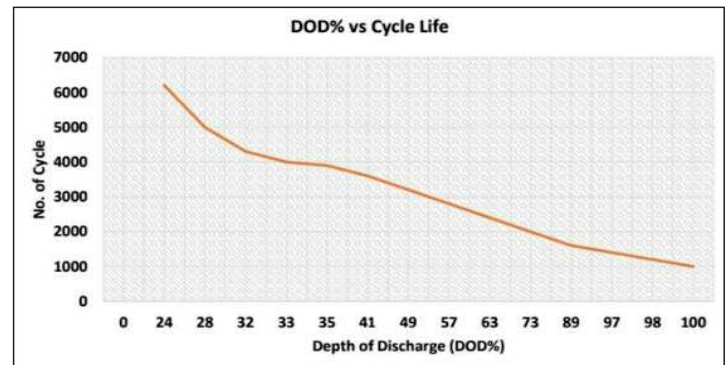
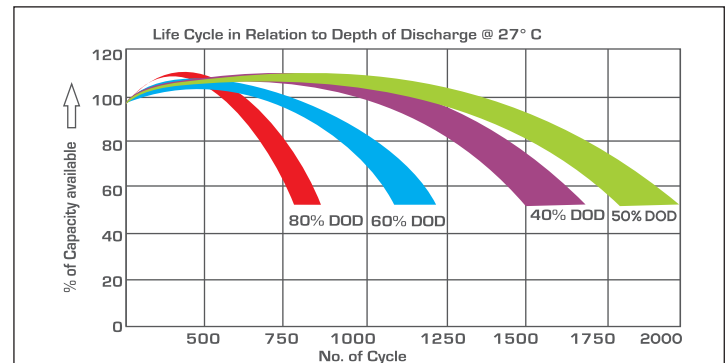
110Ah			
Hours	3 h	10 h	20 h
Final Voltage	10.8	10.5	10.5
% of 10h capacity	154.8	211.2	240

Tabular Battery Performance Data

Discharging Characteristics at various rates @27°C

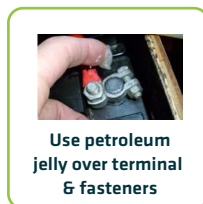


Expected Life



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

DO's



DON'T

