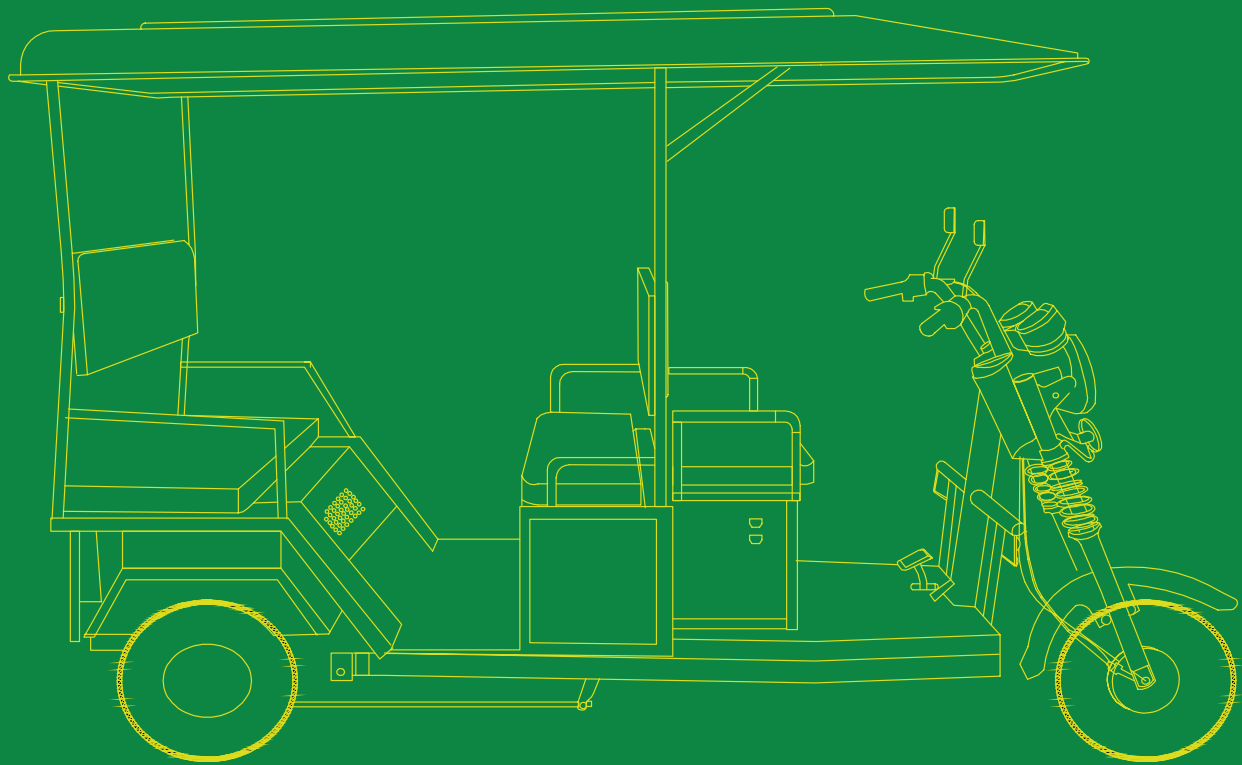


EPSILON 

Powering
the Future

HEAVIER - STRONGER - LAST LONGER



E-RICKSHAW TUBULAR BATTERY



GO
GREEN

SAVE EARTH



**REUSE
REDUCE
RECYCLE**

www.fireflybattery.in

C-CAT™ Tubular Batteries are designed with the technical collaboration of world's advanced lead acid battery technology inventor "Firefly International Energy - USA" to specially power the Pollution free E-Rickshaw Green Ride in India.

Sl. No.	Description	Details
1	Nominal Voltage	12 Volts
2	Operating Temperature Range	Discharge: -20°C to 50°C
		Charge: -20°C to 50°C
		Storage: -20°C to 40°C
3	Self Discharge	Firefly batteries can be stored for a maximum period of 6 months at 27°C. However, the batteries will have to be recharged before use.
4	Recommended Maximum Charging Current	0.2C Amps with 14.40 ± 0.05 Volts per battery
5	Normal Charging Current	0.1C Amps.
6	Battery Efficiency	Ampere-Hour Efficiency > 90%
		Watt-Hour Efficiency > 75%
7	Electrolyte Sp. Gr. @ 27°C	1.245 ± 0.010
8	Container Material	Polypropylene

Battery Type	Nominal Voltage	Capacity in Ampere-hours (AH) at 27°C to 10.50 V per Battery						Wet Battery Weight in Kg. (± 5%)	Dimensions in mm (± 5 mm)		
		Rated capacity at 20 Hour rate	10 Hour Rate	5 hour Rate	3 hour Rate	2 hour Rate	1 hour Rate		Length	Width	Height
C-CAT™ 90T	12	90	75.0	62.5	54.0	49.0	37.5	30.0	410	173	275
C-CAT™ 120T	12	120	100.0	83.5	72.0	65.0	50.0	38.0	410	173	275
C-CAT™ 120T	12	120	100.0	83.5	72.0	65.0	50.0	37.5	363	174	275

Features

- Designed for Long Life.
- Capable for Deep Cycling.
- Ready to use - Factory Charged Batteries.
- Low self Discharge.
- Excellent Charge Acceptance.



FB/C-CAT/T/11/2015/01

Firefly Batteries Private Limited

Corporate office: 199, Neelkanth Bungalows, B/H. Delhi Public School, Bopal, Ahmedabad - 380058.

Factory: Survey No.: 61/20, Opp. Super gas plant, Bavla Bagodra highway, Village: Kalyangarh, Taluka: Bavla, Ahmedabad- 382240. GUJARAT.

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