



Low
Maintenance
TUBULAR
BATTERIES



CEIL
TUBULAR LM

TRUSTED
BATTERY
SYSTEMS

For over 60 years, Exide Industries Limited, has pioneered battery technology in India. It is the only company in South and South East Asia which designs and manufactures lead acid batteries from 2.5 Ah to 20400 Ah. Exide offers the latest series of Tubular batteries, manufactured in its state of the art ISO 9000 : 2000 and ISO 14001 certified factories to fulfil the growing demand both in domestic and export market. Exide Low Maintenance Tubular cells conform to RDSO specification no. IRS : S : 88/2004

PRODUCT FEATURES

- HR/TP/PP Container ● Tubular Positive plates ● Pasted Negative Plates ● High tensile, acid resistant polyester gauntlets
- High Porosity Envelope Separators
- Electrolyte Level Indicator ● Microporous Ceramic Vent Plug.

LOW MAINTENANCE TUBULAR TECHNOLOGY

Exide Tubular Batteries have the spines or the positive plate support cast at high pressure (100 bar) in imported HADI machine which ensures void free structure and consistent grain orientation and can protect the plate support from anodic corrosion. This in turn ensures higher reliability and longer life. Exide Low Maintenance Tubular plates

are also cast with low antimony content which reduces the topping up frequency, making the batteries low maintenance type. This also keeps the float charging current at a lower value, thus minimises the total energy requirement needed to keep the battery in charged condition during standby float application.

APPLICATION

- Railway Signalling

APPROVALS : TECHNICAL DATA

Type of Cell	C10 Capacity to 1.85 V	Charging Current		Total minimum input during initial charging	Weight of Cell +/- 5%		Approx acid qty. 1.19 sp. gr. Litres	Overall Dimensions			Trickle Charge	
		Starting	Finishing		W/O Acid	W Acid		Length ± 3mm	Breadth ± 3mm	Height* ± 3mm	Min mA	Max mA
TB40H L.M.	40	4.8	2.4	180	4.0	6.0	1.7	75	160	302	40	160
TB80P L.M.	80	9.6	4.8	360	5.7	8.8	3.3	113	160	265	80	320
TM120 P L.M.	120	14.4	7.2	540	7.5	12.0	3.8	161	117	440	120	480
TV200H L.M.	200	24	12	900	19.0	29.1	8.5	260	210	378	200	800
TM300H L.M.	300	36	18	1350	27.0	40.0	12.6	316	185	474	300	1200
TM400H L.M.	400	48	24	1800	29.0	43.0	14.0	320	185	466	400	1600
TM500H L.M.	500	60	30	2250	33.0	47.0	17.6	320	185	466	500	2000

*Height is upto float guide



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