



**EXIDE  
INDUSTRIAL**

# NDP TUBULAR

STANDBY BATTERIES



For over 70 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 9001: 2008 and ISO 14001: 2004 certified factories to fulfill the growing demand both in domestic and export market. Exide NDP tubular cells conform to BIS specification no. IS. 1651- 2013

## PRODUCT FEATURES

- PP Container
- Tubular Positive Plates
- Pasted Negative Plates
- Highly Tensile, Acid Resistant Polyester Gauntlets
- High Porosity Envelope Separators
- Electrolyte Level Indicator
- Microporous Ceramic Vent Plug
- Low Maintenance

## TORR TUBULAR TECHNOLOGY

Exide Tubular Batteries have the spines or 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 Torr 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 float application.

**APPLICATIONS:** • Power Plants • Substations • UPS systems • Process Industries • C & I • Emergency Lighting • Solar • Railway Signaling • Telecommunication

## Technical Data for Exide NDP Tubular Cells

Type of Cell	Capacity at 10 Hrs rate (Ah)	Charging current (A)		Weight of cell +/- 5 % (KG)		Approx qty of acid 1.190 Sp. Gr. (Litres)	Overall Cell Dimensions +/- 3 mm			Trickle Charge current (mA)		Corresponding cell centres (mm)
		Starting rate	Finishing rate	Without Acid	With Acid		Length	Width	Height*	Min	Max	
TB80P	80	9.6	4.8	4.5	7.4	2.5	108	177	358	80	320	114
TV100P-MARKI	100	12	6	6.4	10	3.1	111	159	364	100	400	122
TM150P-MARKI	150	18	9	8.4	12.9	3.8	111	159	432	150	600	122
TM200P	200	24	12	11.8	19.2	6.2	160	177	445	200	800	185
TM250P	250	30	15	14.9	22	5.9	160	177	445	250	1000	185
TM300P	300	36	18	16.9	23.8	5.8	160	177	445	300	1200	185
TM400P	400	48	24	21.6	33.5	10	251	178	445	400	1600	186
TM450P	450	54	27	24	34.7	9	251	178	445	450	1800	186
TM500P	500	60	30	27.5	38.2	9	251	178	445	500	2000	186
TH600P	600	72	36	36.9	53.7	14	327	177	675	600	2400	185
TH700P	700	84	42	42.6	61.8	16	327	177	675	700	2800	185
TH800P	800	96	48	49.5	74.1	20.5	327	177	675	800	3200	185
TH900P	900	108	54	54.1	76.9	19	327	177	675	900	3600	185
TH1000P	1000	120	60	57.5	81.3	19.8	327	177	675	1000	4000	185

\*Tolerance for Overall Height : +/-5mm

Go For **TORR TUBULAR**®  
 • Spines cast in HADI machine at 100 Bar  
 • Higher reliability, longer life



\*Applied for

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