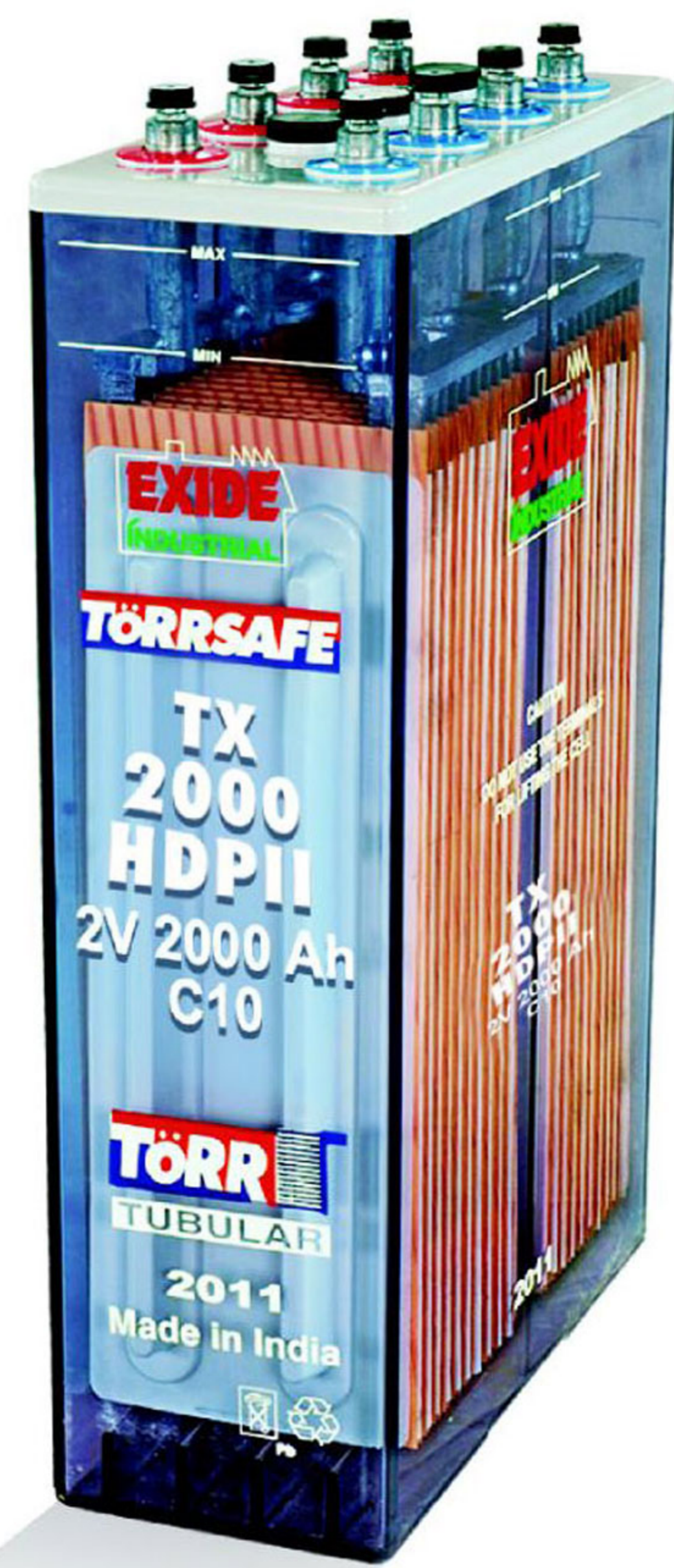




**EXIDE
INDUSTRIAL**

TX HDPII

HIGH DISCHARGE TUBULAR BATTERIES
IN TRANSPARENT CONTAINERS



Exide Industries Ltd. is the largest storage battery manufacturer in the country and has pioneered battery technology in India for over 60 years. Exide offers the latest series of stationary high discharge Tubular batteries in Transparent SAN containers for critical standby applications. The cells are designed to conform IS1651.



Superior Design & Construction

1. Transparent Container :

Containers are made of high quality transparent SAN, which enables quick and easy reading of the electrolyte level and visual inspection of the cell.

2. Torr Tubular :

Exide TX HDPII Range Batteries have the spines or the positive plate supports cast at 100 bar high pressure in world renowned Hadi machine. This ensures void free structure and uniform grain orientation. High pressure die-casting also enables production of positive spines with less

than 3% antimony alloy. Low antimony alloy in positive plate coupled with lead - calcium alloy in negative plate reduces water loss considerably in TX HDPII Range cells making it a true Low Maintenance battery. Topping up frequency is only once in 12 - 18 months.

3. Special separator :

Micro-porous and resin based separators with polyester matback bone have high porosity, low electrical resistance and high temperature stability. Its smaller average pore diameter prevents penetration short.

4. Plastic encapsulated bolt-on terminals :

The corrosion-resistant bolt-on terminals with brass inserts provide better electrical performance and resistance to wear and tear of terminals.

5. Vent Plugs :

Vent plugs are specially designed with ceramic dome, which filters the sprayed acid and is fire retardant.

6. Insulated intercell connectors :

The intercell connector offers better conductivity. The insulation protects the connector from acid attack and eliminates accidental shorts.

Features : ✓Easy monitoring ✓Suitable for frequent discharges and high ambient temperature
 ✓Minimum maintenance ✓Lower foot print ✓15 years life in Standby float application

Technical Data for Exide TX HDPII Cells

Nomenclature	Capacity at C10 rate upto 1.85 vpc	Charging Current		Total Minimum Input during Initial Charging (Ah)	Weight +/-5% (kg)		Approx. Qty. of acid 1.190 sp gr (Litres)	Overall Dimension			Cell Centre (mm)	Trickle Charge Current	
		Starting Rate (A)	Finishing Rate (A)		Dry	Acid Filled		L +/-3 mm	B +/-3 mm	H +/-5 mm		Min (mA)	Max (mA)
TX100P-HDP	100	14	7	630	10.6	15.4	4.0	103	206	430	112	100	400
TX250P-HDP	250	35	17.5	1575	20.8	27.3	5.5	145	206	546	153	250	1000
TX300P-HDP	300	42	21	1890	25.0	33.3	7.0	145	206	546	153	300	1200
TX400P-HDP	400	56	28	2520	35.4	49.1	11.5	145	206	721	153	400	1600
TX500P-HDP	500	70	35	3150	38.3	50.7	10.4	145	206	721	153	500	2000
TX700P-HDP	700	98	49	4410	53.9	76.5	19.0	210	233	721	220	700	2800
TX800P-HDP	800	112	56	5040	58.5	78.7	17.0	210	233	721	220	800	3200
TX1000P-HDP	1000	140	70	6300	77.2	103.4	22.0	210	275	871	220	1000	4000
TX1200P-HDP	1200	168	84	7560	93.0	123.9	26.0	210	275	871	220	1200	4800
TX1300P-HDP	1300	182	91	8190	102.5	135.8	28.0	214	399	847	220	1300	5200
TX1500P-HDP	1500	210	105	9450	117.2	154.1	31.0	214	399	847	220	1500	6000
TX2000P-HDP	2000	280	140	12600	158.5	196.6	32.0	212	487	847	220	2000	8000
TX2200P-HDP	2200	308	154	13860	170.0	239.5	58.4	212	576	847	220	2200	8800

* Overall height upto top of ceramic vent plug.

Recommended float voltage

Temperature	Float Voltage
<5°C	2.24 ± 0.02 vpc
5°C - 35°C	2.23 ± 0.02 vpc
36°C - 45°C	2.22 ± 0.02 vpc

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



*Applied for

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