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BS & DIN SERIES
TRACTION
BATTERIES



SAVING ENERGIES | CARING FOR THE ENVIRONMENT

Discover ENERTEX: Excellence in Battery Manufacturing



Welcome to ENERTEX, Central India's premier manufacturer of high-quality traction batteries. Renowned for our exceptional products, we pride ourselves on producing key battery components in-house, ensuring unparalleled quality and performance. Our expertise spans from specially designed lead alloys and lead oxides to precision grid castings, pressure die casting, and expertly crafted pasted plates.

Since the 1990s, ENERTEX has been at the forefront of industrial battery production, catering to diverse applications including Automotive, Inverters, Traction, Stationary Cells, and UPS. Our range of traction batteries, available in both British Standard Sizes (BS) and DIN Sizes with welded and bolt-on terminals, is meticulously manufactured using state-of-the-art techniques and premium materials. This commitment to quality translates to reduced maintenance and extended battery life, providing you with a product you can depend on.

At ENERTEX, our core values of excellence, commitment, and reliability drive everything we do. Our long-standing reputation in the industry stands as a testament to our dedication to delivering superior traction batteries.

Choose ENERTEX for a dependable and high-quality power solution.

Energex Traction Batteries Features & Advantages

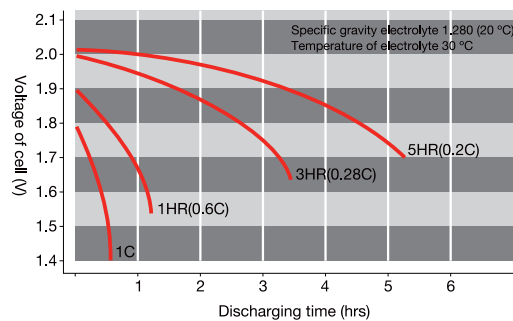
• High Energy Density by high utilization of Active materials.	• Smart Clamps
• Fast Charging Capability	• Factory Charged
• Long Cycle Life	• Lower Internal Resistance
• High Power Output	• No Short Circuits
• Rapid Discharge Rate	• No Spillage of Acid
• Single Point Watering System / Autofill System (Optional)	• Specially designed insulation for steel tray

HOW TO INQUIRE:

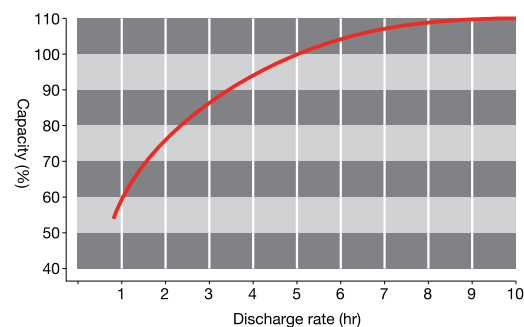
- (A) Make & Model of your equipment (Or)
- (B) 1. Voltage & Capacity of Complete Battery.
- 2. Outer Dimensions of whole Traction Battery body.
- 3. Type of Inter-cell connections (Welded or Bolt-on)

PERFORMANCE & DURABILITY

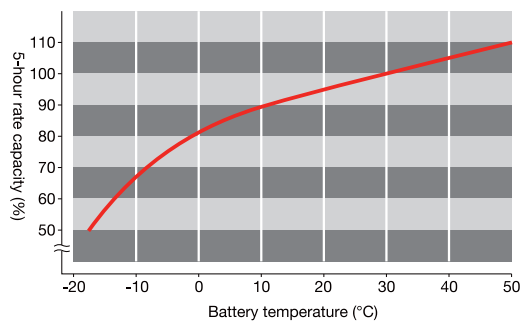
Discharge Characteristics of a ENERTEX Traction Battery



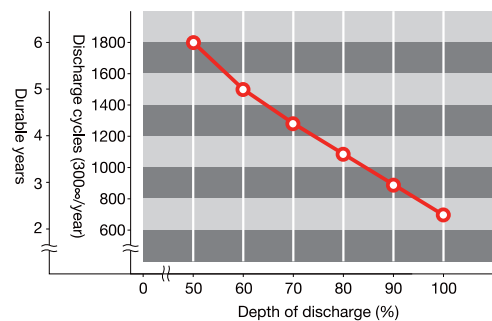
Discharge rate and Capacity Characteristics



Effect of Temperature on Battery Capacity

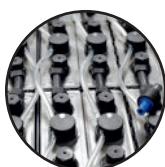


Life of a ENERTEX TRACTION Battery



APPLICATIONS

- Electric Fork-Lift Trucks
- Material Handling Equipments
- Naval Applications
- Mining Locomotives
- Electric Vehicles
- Cleaning Equipments



DIN CELL CAPACITIES

DIN SPECIFICATION TRACTION CELLS (WIDTH 198 MM)											
CELL TYPE / DESIGNATION (PzS/MA)	POSITIVE PLATE CAPACITY	50 AH	60 AH	70 AH	80 AH	90 AH	105 AH	115 AH	125 AH	140 AH	155 AH
	OVERALL HEIGHT (±5mm)	344 mm	384 mm	424 mm	454 mm	494 mm	554 mm	570 mm	607 mm	664 mm	721 mm
	HEIGHT UPTO LID TOP (±5mm)	314 mm	354 mm	394 mm	424 mm	464 mm	524 mm	540 mm	577 mm	634 mm	691 mm
	LENGTH OF CELL	Cell Capacity	Cell Capacity	Cell Capacity	Cell Capacity	Cell Capacity	Cell Capacity	Cell Capacity	Cell Capacity	Cell Capacity	Cell Capacity
2 ENPS	57 mm	100	120	140	160	180	210	230	250	280	310
3 ENPS	65 mm	150	180	210	240	270	315	345	375	420	465
4 ENPS	83 mm	200	240	280	320	360	420	460	500	560	620
5 ENPS	101 mm	250	300	350	400	450	525	575	625	700	775
6 ENPS	119 mm	300	360	420	480	540	630	690	750	840	930
7 ENPS	137 mm	350	420	490	560	630	735	805	875	980	1085
8 ENPS	155 mm	400	480	560	640	720	840	920	1000	1120	1240
9 ENPS	173 mm	450	540	630	720	810	945	1035	1125	1260	1395
10 ENPS	191 mm	500	600	700	800	900	1050	1150	1250	1400	1550
Note: 1) Length & Width can vary within ±1mm, Height can vary within ±5mm, 2) Available in both Welded & Bolt-on terminals.											

BS CELL CAPACITIES

BS SPECIFICATION TRACTION CELLS (WIDTH 158 MM)										
CELL TYPE / DESIGNATION (PzB/MG)	POSITIVE PLATE CAPACITY	21 AH	32 AH	42 AH	55 AH	65 AH	75 AH	86 AH	100 AH	108 AH
	OVERALL HEIGHT (±5mm)	219 mm	307 mm	349 mm	421 mm	472 mm	523 mm	579 mm	649 mm	689 mm
	HEIGHT UPTO LID TOP (±5mm)	189 mm	274 mm	319 mm	391 mm	442 mm	493 mm	549 mm	619 mm	659 mm
	LENGTH OF CELL	Cell Capacity	Cell Capacity	Cell Capacity	Cell Capacity	Cell Capacity	Cell Capacity	Cell Capacity	Cell Capacity	Cell Capacity
2 ENPB	45 mm	42	64	84	110	130	150	172	200	216
3 ENPB	61 mm	63	96	126	165	195	225	258	300	324
4 ENPB	77 mm	84	128	168	220	260	300	344	400	432
5 ENPB	93 mm	105	160	210	275	325	375	430	500	540
6 ENPB	109 mm	126	192	252	330	390	450	516	600	648
7 ENPB	125 mm	147	224	294	385	455	525	602	700	756
8 ENPB	141 mm	168	256	336	440	520	600	688	800	864
9 ENPB	157 mm	189	288	378	495	585	675	774	900	972
10 ENPB	173 mm	210	320	420	550	650	750	860	1000	1080
11 ENPB	189 mm	231	352	462	605	715	825	946	1100	1188
12 ENPB	205 mm	252	384	504	660	780	900	1032	1200	1296
13 ENPB	221 mm	273	416	546	715	845	975	1118	1300	1404
Note: 1) Length & Width can vary within ±1mm, Height can vary within ±5mm, 2) Available in both Welded & Bolt-on terminals.										

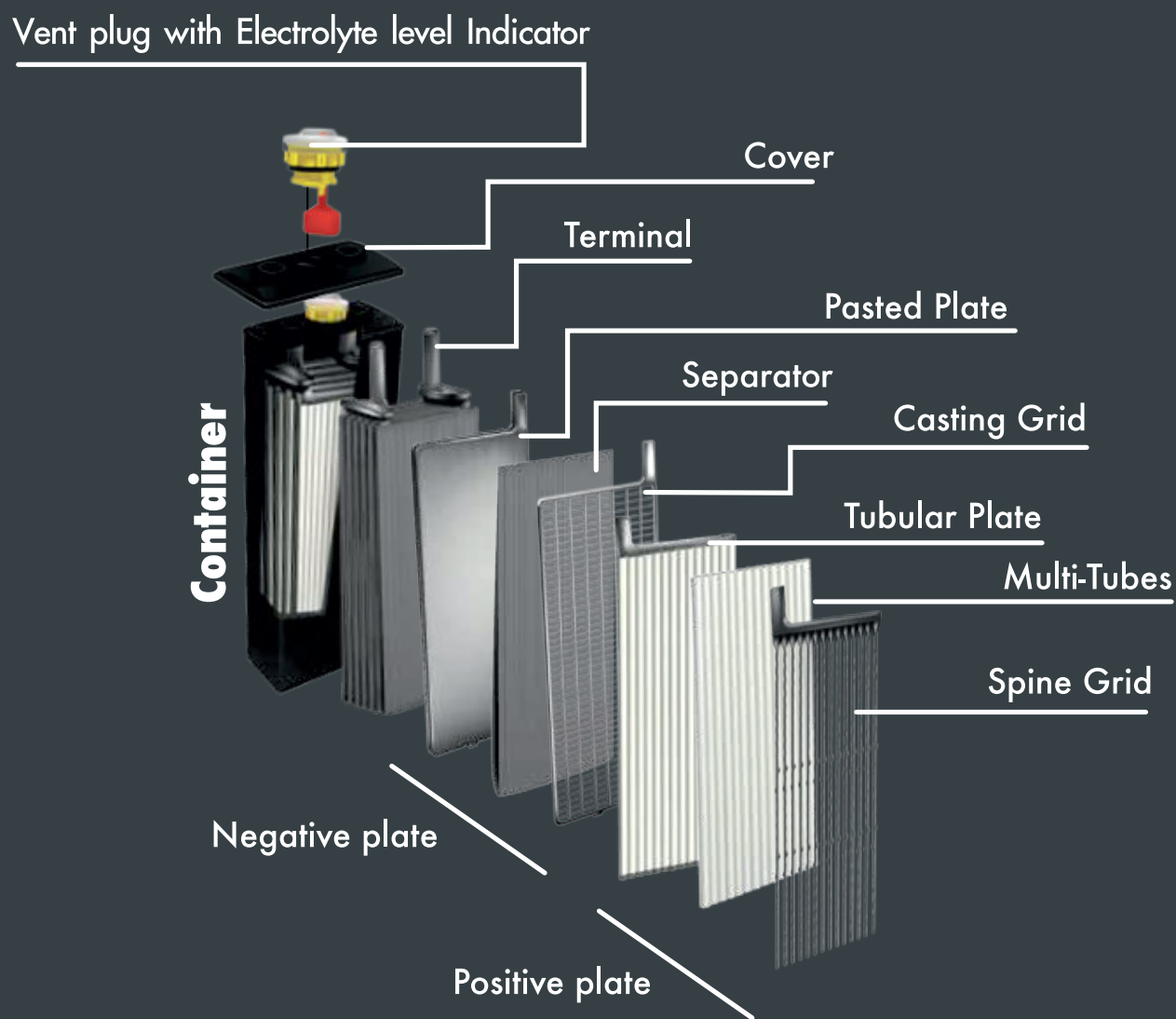
COMPLIANT WITH STANDARDS:

IS 5154 : 2013 (Part 1 & 2), IEC 60254-1 & 2 : 2005, IEC 254-1 & 2, EN 60-254

Company is ISO 9001:2015 and ISO 14001:2015 Certified

STRUCTURE

ENERTEX Traction Battery comprises a range of high quality components to meet our standard.





Tunisia

Morocco

Benin

South Africa

Madagascar

Uzbekistan

India

Nepal

Sri Lanka

OUR GLOBAL PRESENCE



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MADE IN INDIA

