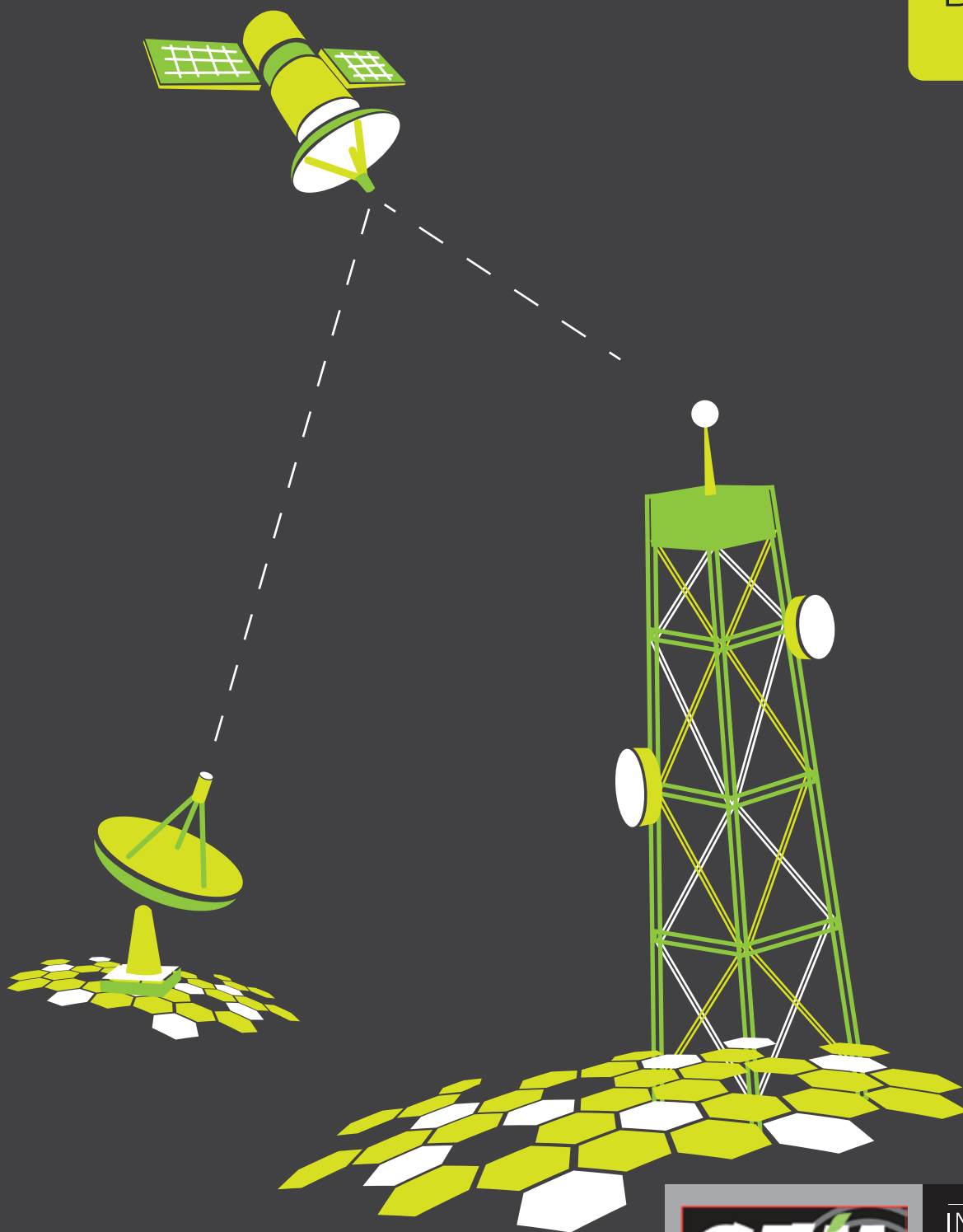
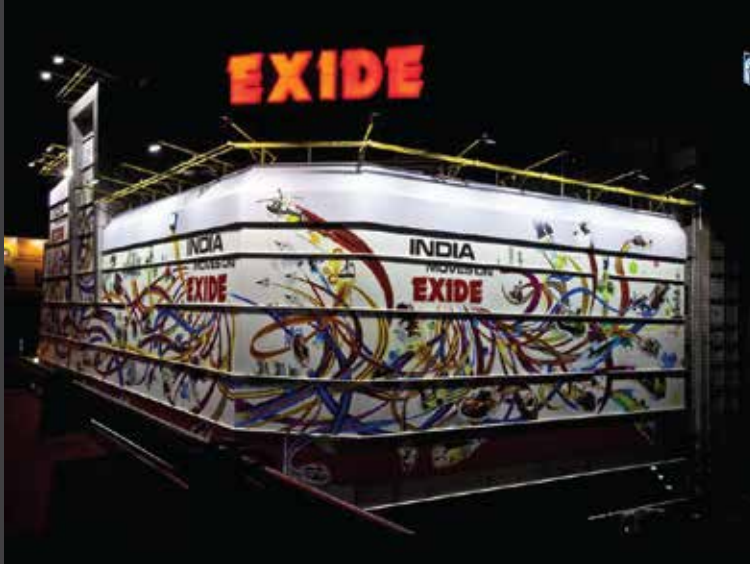


TELECOM BATTERIES



INDUSTRIAL
SOLUTION
POWER

Enabling **Reliability**



EXIDE (INDIA) LEADER IN STORAGE POWER

One of the largest battery manufacturers in the world, EXIDE (INDIA) INDUSTRIES LIMITED, has led the way in bringing the best and latest of battery technology into India. Formerly known as CHLORIDE INDIA LIMITED, it traces its heritage to CHLORIDE PLC, UK, THE PIONEERS COMMERCIALY PRODUCED BATTERIES.

In SOUTH EAST ASIA, EXIDE (INDIA) is the largest battery makers by far with the widest range of pasted plate, TUBULAR, PLANTE AND SMF VRLA BATTERIES. Technology Innovation, quality and a country wide service network set it apart from the competition.

SOME KEY FEATURES:

- 9 factories strategically located across the world.
- The only company in India to manufacture batteries from 2.5Ah to 20,400Ah collaborations with SHIN KOBE AND FURUKUWA OF JAPAN.
- Subsidiaries in SINGAPORE, UK and SRI LANKA.
- Fast growing exports, currently to 30 countries in 5 continents
- R & D CENTRE, set up in 1976, is counted among the premium battery research facilities in the world and is approved by the DEPT. OF SCIENCE AND TECHNOLOGY, Govt. Of India as independent test laboratory.
- Certified with ISO 9001 and ISO 14001.

EIL product range portrays the combination of all the best possible technological solutions for the telecom application. Selection of the right alloy, modern production machinery and effective technology ensures a very long service life both in standby float mode of operation and in regular deep cycling operations. EIL products perform without hassles in extreme climate conditions, both high and low temperatures. Thus the product becomes the most relevant technology for any country which essentially has a tropical climate. EIL product is designed to serve the customers with guaranteed performance and long life.

Content

Model	Technology	Nominal Voltage	Range
NEPST/NMST	AGM VRLA	2V	200Ah - 5000Ah
EP	AGM VRLA	12V	7Ah - 200Ah
SG	TUBULAR GEL	2V	200Ah - 1000Ah
OP ₂ V	TUBULAR GEL	2V	200Ah - 3000Ah
XHD	TUBULAR GEL	12V	30Ah - 220 Ah
TT	FLOODED TUBULAR	12V	100Ah - 300Ah



NEPST / NMST

AGM VRLA



FEATURES



HASSLE FREE HANDLING AND EASY INSTALLATION



SPACE ECONOMY



ECO-FRIENDLY



SUPERIOR PERFORMANCE



LOW SELF DISCHARGE



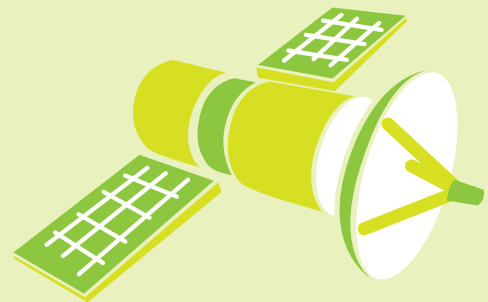
NO WATER TOPPING UP REQUIRED



FACTORY CHARGED



ENHANCED PLATE LENGTH FOR HIGH POWER DENSITY





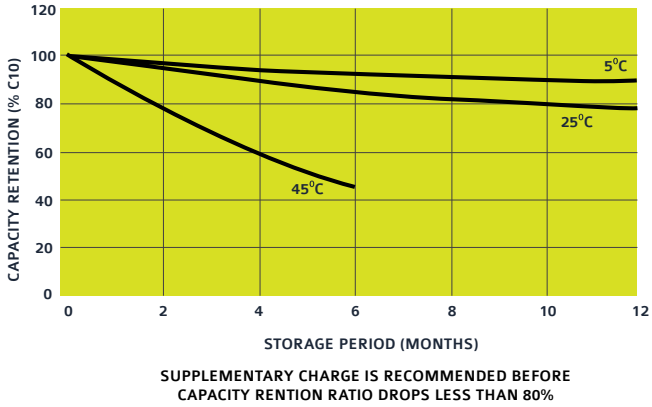
TECHNICAL SPECIFICATIONS

TABLE 1A : NEPST MODULE DIMENSION

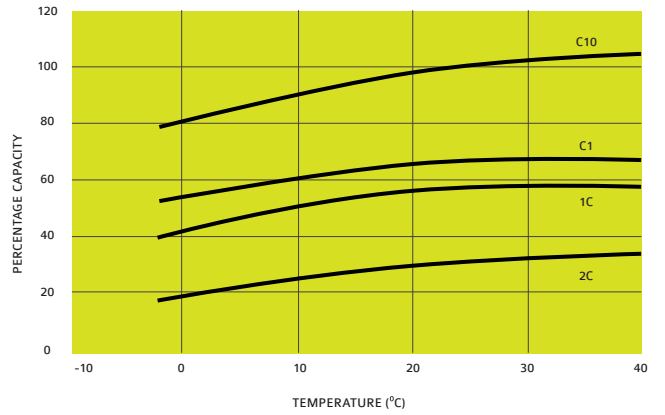
Battery Type	Capacity @ 10hr/1.75V (Ah)	Module Nominal Voltage	Module Dimensions (mm)			Weight (Kg) ± 5%
			L ± 5	D ± 5	H ± 5	
NEPST	200	12	588	372	210	83.7
NEPST	240	12	703	243	423	96.5
NEPST	280	12	703	243	423	96.5
NEPST	300	12	589	378	288	123
NEPST	400	8	733	369	236	118.5
NMST	500	8	789	468	250	157.5
NMST	600	8	789	468	250	169.5
NMST	800	4	462	468	363	122
NMST	1000	4	462	468	363	135
NMST	1250	4	436	468	353	179
NMST	1500	4	436	468	353	200
NMST	2000	2	436	466	362	145
NMST	2500	2	436	466	511	179
NMST	3000	2	436	466	511	200
NMST	4000	2	436	466	362	290
NMST	5000	2	436	466	511	358

CHARACTERISTICS OF VRLA BATTERIES

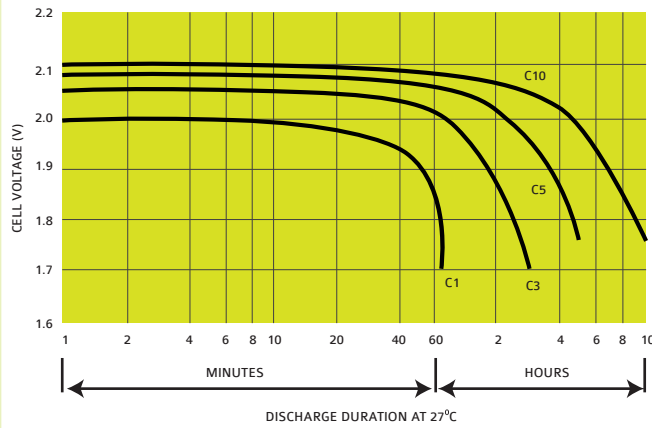
CAPACITY RETENTION CHARACTERISTICS



EFFECT OF TEMPERATURE ON CAPACITY



DISCHARGE CHARACTERISTICA





EP
AGM VRLA



FEATURES



SEALED MAINTENANCE FREE



ECO FRIENDLY.



EASY HANDLING



READY TO USE



GOOD SERVICE LIFE



LOW SELF DISCHARGE



SUPERIOR HIGH RATE DISCHARGE



TECHNICAL SPECIFICATIONS

Battery Type	Nominal Voltage (v)	Rated Capacity (Ah) at 27°C						Dimensions (mm)				Weight (kg) (+/-5%)
		20 hr 1.75 V /cell	10 hr 1.75 V /cell	3 hr 1.7 V /cell	1.5 hr 1.7 V /cell	1hr 1.6 V /cell	30 mins 1.6 V /cell	Overall Height ± 2	Height upto lid top ± 2	Length ± 1	Width ± 1	
EP 7-12	12	7	6.5	5.2	5.0	4.2	3.5	100	94	151	65	2.22
EP 9-12/ EP 1234W	12	9	8.1	6.8	6.4	5.4	4.5	100	94	151	65	2.39
EP 12-12	12	12	11.2	9.0	8.6	7.2	6.0	100	94	151	98	3.20
EP 17-12	12	17	16.0	12.9	12.2	10.2	8.5	167	167	181	76	5.00
EP 26 -12 W	12	26	24.0	19.5	18.7	15.6	13.0	175	175	166	125	8.80
EP 42 -12	12	42	38.5	31.5	30.2	25.2	21.0	170	170	197	165	12.60
EP 65 -12	12	65	60.0	48.6	46.8	39.0	32.5	174	174	350	166	20.30
EP 75 -12	12	75	69.0	56.2	54.0	45.0	37.5	174	174	350	166	21.05
EP 100 -12	12	100	91.0	75.0	72.0	60.0	50.0	235	235	407	173	32.80
EP 120 -12	12	120	109.0	90.0	86.4	72.0	60.0	235	235	407	173	35.65
EP 150 -12	12	150	136.5	112.5	108.0	90.0	75.0	240	240	557	172	46.65
EP 200-12	12	200	182.0	150.0	144.0	120.0	100.0	240	240	533	250	62.95



TUBULAR GEL VRLA

Standard :BS



FEATURES



POSITIVE PLATE: **ROBUST TORR TUBULAR SPINE** WITH Pb-Ca-Sn ALLOY



NEGATIVE PLATE: **Pb-Ca ALLOY** GRID.



SEPARATOR: **MICRO-POROUS** AND **RESIN BASED** WITH HIGH POROSITY.



ELECTROLYTE: **SULPHURIC ACID IN IMMOBILIZED GELLED FORM** SPECIALLY MADE BY MIXING THIXOTROPIC INERT ADDITIVES.



CONTAINER AND LID: **MADE OF HIGH GRADE ADDITIVE FILLED POLYPROPYLENE CO-POLYMER MATERIAL.**



VALVE: **FLAME ARRESTING VENT PLUG** HOUSING LONG LIFE **RUBBER SAFETY VALVE.**



BOLT: ON TERMINAL WITH **BRASS INSERT.**



CONNECTOR: **LEAD COATED SOLID COPPER CONNECTOR** WITH INSULATING SHROUD/TOP COVER



TECHNICAL SPECIFICATIONS

Battery Type	Nominal Voltage (V)	Capacity @ 10hr/1.75V (Ah)	Module Dimensions (8V)			Cell Per Module	Weight (Kg) 5%
			L ±5	W ±5	D ±5		
GTB/SG200	2	200	709	268	343	8	101
GTB/SG300	2	300	717	214	510	4	121
GTB/SG400	2	400	717	214	510	4	133
GTB/SG500	2	500	717	214	510	4	157
GTB/SG600	2	600	717	262	502	4	181
GTB/SG800	2	800	386	262	677	2	200
GTB/SG1000	2	1000	386	278	677	2	235



2V OPzV
STANDARD: **DIN**



OPzV FEATURES



TUBULAR POSITIVE PLATES



HIGH PRESSURE
DIE-CAST SPIN GRID



ELECTROLYTE IN GEL FORM



EXCELLENT
THERMAL MANAGEMENT



FILLED AND CHARGED



READY TO INSTALL



VALVE REGULATED



VERSATILE IN MOUNTING



ANTIMONY FREE ALLOY



TECHNICAL SPECIFICATIONS

Type	Nominal Voltage (V)	Nominal Capacity C10 1.8V/C 20° (Ah)	Discharge Current I10 (A)	Length (l) Max. mm	Width (b) Max. mm	Height (h1) Max. mm	Height (h2) Max. mm	Weight Approx. Kg
5 OPzV 250	2	250	25	126	208	360	398	23
6 OPzV 300	2	300	30	147	208	360	398	27
5 OPzV 350	2	350	35	126	208	475	513	30
6 OPzV 420	2	420	42	147	208	475	513	35
7 OPzV 490	2	490	49	168	208	475	513	40
6 OPzV 600	2	600	60	147	208	650	688	48
8 OPzV 800	2	800	80	212	193	650	688	67
10 OPzV 1000	2	1000	100	212	235	650	688	80
12 OPzV 1200	2	1200	120	212	277	650	688	94
12 OPzV 1500	2	1500	150	212	277	800	838	118
16 OPzV 2000	2	2000	200	215	400	775	815	160
20 OPzV 2500	2	2500	250	215	490	775	815	200
24 OPzV 3000	2	3000	300	215	580	775	815	240



12V

XHD
GEL





FEATURES



CAPABLE OF DEEP CYCLING



NO ACID STRATIFICATION



MAINTENANCE FREE - NO TOPPING UP EVER



DESIGNED FOR LONG LIFE



SUPPLIED FACTORY CHARGED -READY TO USE



CAMPATIBLE TO CC -CV CHARGING



DEEP DISCHARGE PROTECTED TECHNOLOGY



TECHNICAL SPECIFICATIONS

BATTERY TYPE	NORMAL VOLTAGE (VOLT)	RATED CAPACITY (AH) AT 27°C							Dimensions (mm)					IR (m-ohm)	Max. Discharge Current
		20 hr 1.75 V /cell	10 hr 1.75 V /cell	5 hr 1.7 V /cell	3 hr 1.7 V /cell	2hr 1.6 V /cell	60 mins 1.6 V /cell	30 mins 1.6 V /cell	Overall Height ± 3	Height upto lid top ± 3	Length ± 2	Width ± 2	Weight (kg) (+/-5%)		
HD 30 -12	12	30	27	24	21	19	14	9	170	170	197	165	13.00	13.0	180
HD 45 -12	12	45	41	36	32	29	20	13	174	174	350	166	19.00	10.0	270
HD 82 -12	12	82	75	66	58	52	37	24	235	235	407	173	33.50	7.0	492
HD 105 -12	12	105	95	84	74	67	48	31	240	240	557	172	44.00	6.0	630
HD 165 -12	12	165	150	132	117	105	75	49	240	240	533	250	64.00	5.0	990



TT
FLOODED TUBULAR



FEATURES



DEEP CYCLE APPLICATION



SUPPLIED IN FACTORY FILLED AND CHARGED CONDITION



LOW MAINTENANCE -TOPPING UP ONCE IN 2 YRS



EASY TO MONITOR STATE OF CHARGE



BATTERIES SUPPLIED WITH MS CABINET



CABINET SETS WITH EXHAUST SYSTEM



TECHNICAL SPECIFICATIONS

MODEL	NORMAL VOLTAGE (VOLT)	CAPACITY (AH UPTO 10.5 VOLTS, 10 HRS RATE AT 27 °C)	ELECTROLYTE OPERATING SP. GRAVITY AT 27°C (+/- 0.005)	DIMENSION (+/- 5 mm)			WEIGHT (+/- 3%)	
				LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)	DRY (kg)	FILLED (kg)
6TT 100	12V	100	1.245	500	187	418	30.0	57.0
6TT 200	6V	200	1.200	500	187	450	44.7	69.0
6TT 300	6V	300	1.200	500	187	450	54.0	72.0



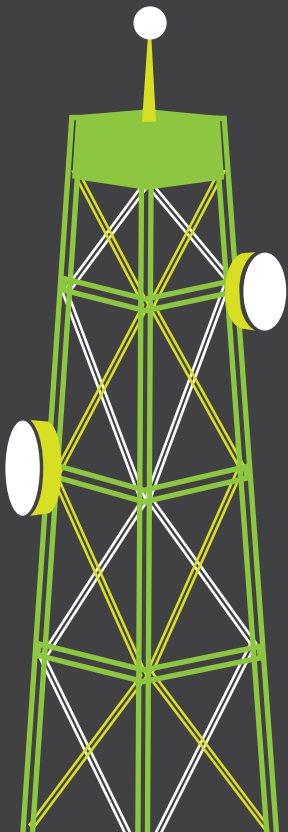
QUICK
NOTES

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QUICK
NOTES

A series of horizontal dashed lines for writing notes.



Head Office: Kolkata: 'Exide House', 59E Chowringhee Road, Kolkata - 700 020.
Phone: (033) 2283 2120/33/36/50/51/71/2238/39, Fax: (033) 2283 2632/37

Corporate Marketing Office: Kolkata: 6A, Hathibagan Road, Kolkata - 700 014.
Phone: (033) 2286 6158/6159, Fax: (033) 2286 6186

E-mail: surajitmu@exide.co.in.

Visit us at: www.exideindustries.com/www.exideindustrialbatteries.com

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