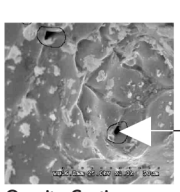
EXIDE INDUSTRIAL

EL TUBULAR

The extra POWER UPS Tubular Battery

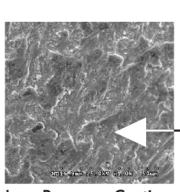
4 year warranty

Low Maintenance ● Last 3 Times Longer



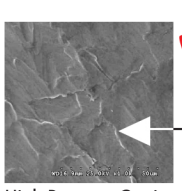
Big voids Non uniform micro hardness

Gravity Casting



Small voids Very low micro hardness

Low Pressure Casting 10 Bar



No voids Uniform micro hardness

High Pressure Casting 150 Bar HADI

The new EL range are manufactured as per Exide's proprietary Törr Tubular technology using one of the world's most exclusive, advanced and state-of-the-art 'HADI' high pressure spine casting (at 100 bar) machines, which is not commonly available. With our hi-tech R&D center at Kolkata, Exide has developed the high-corrosion resistant and robust spine technology using the HADI process, which ensures a super fine grain structure, for strength, long life and highest reliability.

Applications

● UPS System ● Telecommunication Systems ● Office Automation Equipment ● Fire Alarm & Security Systems ● Electronic PABX Systems ● Cable Television Equipment ● Electronic Attendance & Cash Registers ● Process Instrumentation & Control ● Railway Signalling ● Power Plants & Substations ● Cellular Phones (Base Stations & Transmitters) ● Geophysical Equipment ● PCO Monitors (Electronic)

EXIDE EL RANGE OF TUBULAR MONOBLOC BATTERIES

SPECIFICATION CHART															
Type	Capacity in Ah at 27°C when discharged for			Charge Current for Intial Charging (Amps)		Minimum Ah input during Initial Charge	Approx. Battery+ Weight		Approx+ acid qty at 1.220 Sp.Gr.	Overall Dimensions (in mm)			Constant Potential Limiting Current (Amps)	Trickle Charge Current (mA)	
	10 Hr. 1.75 V /Cell	10 Hr. 1.80 V /Cell (Conforms to BIS 13369)	Nominal Monobloc Unit Voltage (V)	Starting 2.35 V /Cell	Finishing 2.75 V /Cell		Without acid (Kg) +/-3%	Filled with acid (Kg) +/-3%	Litres / Cell	Length + /-3 mm	Width +/-3 mm	Hight +/-3 mm		Minimum	Maximum
6EL28	28	26	12	3.50	1.75	126	11.11	16.72	4.60	260	173	240	7.00	28	112
6EL40	40	38	12	5.00	2.50	180	12.10	17.90	4.75	260	173	240	10.00	40	160
6EL50	50	47	12	6.00	3.00	225	15.17	25.17	8.20	410	176	281	12.50	50	200
6EL60	60	57	12	7.00	3.50	270	17.87	30.19	10.10	410	176	281	15.00	60	240
6EL75	75	70	12	9.00	4.50	340	23.20	32.23	7.40	410	176	281	18.75	75	300
6EL100	100	95	12	12.00	6.00	450	33.74	48.38	12.00	506	220	257	25.00	100	400

EXIDE EL TALL TUBULAR RANGE

SPECIFICATION CHART															
Type	Capacity in Ah at 27°C when discharged for			Charge Current for Intial Charging (Amps)		Minimum Ah input during Initial Charge	Approx. Battery+ Weight		Approx+ acid qty at 1.220 Sp.Gr.	Overall Dimensions (in mm)			Constant Potential Limiting Current (Amps)	Trickle Charge Current (mA)	
	10 Hr. 1.75 V /Cell	10 Hr. 1.80 V /Cell (Conforms to BIS 13369)	Nominal Monobloc Unit Voltage (V)	Starting 2.35 V /Cell	Finishing 2.75 V /Cell		Without acid (Kg) +/-5%	Filled with acid (Kg)	Litres / Cell	Length + /-3 mm	Width +/-3 mm	Hight +/-3 mm		Minimum	Maximum
6EL120	120	114	12	15.00	7.50	540	34.00	63.00	23.77	500	187	416	30.00	120	480
6EL130	130	123	12	16.00	8.00	585	35.80	60.20	20.00	500	187	416	32.50	130	520
6EL160	160	152	12	20.00	10.00	720	45.00	72.00	22.13	500	187	416	40.00	160	640
6EL200	200	190	12	24.00	12.00	900	55.00	74.00	15.57	500	187	416	50.00	200	800

a. For constant potential charging higher rates are permissible for maximum charger setting of 2.40 volts per cell.
b. Trickle charge voltage should be adjusted to 2.25 volts per cell.
c. Technical information regarding 6V EL Tubular available on request.

Initial Charging Instructions

● Fill up to the required level with battery grade dilute sulphuric acid ● Filling specific gravity: 1.220 ± 0.005 at 27°C ● Rest period: 12 hours ● Charge at 12% of C(10) capacity to 2.35 vpc and then at 6% of C(10) capacity to 2.75vpc Minimum Ah input: 450% of C10 capacity ● All parameters for 12 Volt Nominal Monobloc Units

Statutory Notice:

All batteries contain lead, which is harmful for humans and environment. As per statutory requirements, the used battery must be returned to the authorized dealer, manufacturer or at the designated collection centres.

Contact our Exide Powercentre
Showrooms for Sales & Services

EXIDE INDUSTRIAL

is a product of ISO 9001 and ISO 14001 certified factories