

**EXIDE**  
TUBULAR >>>

EXIDE  
INDUSTRIAL

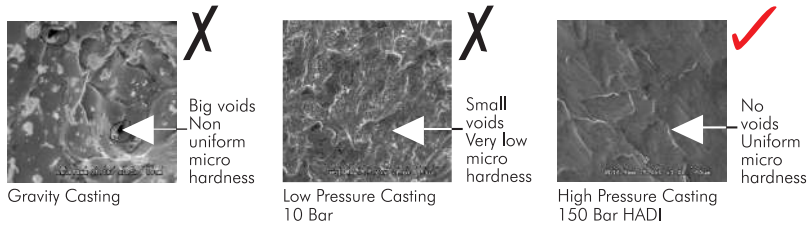
**EL**  
TUBULAR

The extra **POWER**  
UPS Tubular Battery



Winner of EFY Awards for  
Best SMF Battery... 10 times in a row  
2005 - 2014

Low Maintenance • Last 3 Times Longer



The new EL range are manufactured as per Exide's proprietary Torr 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. It is also cadmium free.

## 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 & Pagers (Base Stations & Transmitters) ● Geophysical Equipment ● PCO Monitors (Electronic)

### EXIDE EL RANGE OF TUBULAR MONOBLOC BATTERIES

CAPACITIES, WEIGHTS AND DIMENSIONS													
Type	Capacity in Ah at 27°C when discharged for			Charge Current (A)		Approx. + Battery Weight	Approx. + acid qty at 1.220 Sp.Gr.	Overall Dimensions			Trickle Charge Current (mA)		
	10 Hr.	10 Hr.	Nominal Monobloc Unit Voltage (V)	Starting	Finishing	Filled with acid (Kg) +/-1%	Litres/Cell	L mm +/-3	W mm +/-3	H mm +/-3	Constant Potential Limiting Current (A)	Min	Max
Final Voltage per cell (V)	1.75	1.80 (Conforms to BIS 13369)	-	2.35	2.75								
6EL28	28	26	12	3.50	1.75	16.72	4.60	260	173	240	7.00	28	112
6EL40	40	38	12	5.00	2.50	17.90	4.75	260	173	240	10.00	40	160
6EL50	50	47	12	6.00	3.00	19.10	9.00	410	176	281	12.50	50	200
6EL60	60	57	12	7.00	3.50	27.70	9.40	410	176	281	15.00	60	240
6EL66	66	63	12	8.00	4.00	35.25	10.00	410	176	281	16.5	66	264
6EL75	75	70	12	9.00	4.50	32.23	7.40	410	176	281	18.75	75	300
6EL100	100	95	12	12.00	6.00	48.38	12.00	506	220	257	25.00	100	400

### EXIDE EL TALL TUBULAR RANGE

CAPACITIES, WEIGHTS AND DIMENSIONS													
Type	Capacity in Ah at 27°C when discharged for			Charge Current (A)		Approx. + Battery Weight	Approx. + acid qty at 1.220 Sp.Gr.	Overall Dimensions			Trickle Charge Current (mA)		
	10 Hr.	10 Hr.	Nominal Monobloc Unit Voltage (V)	Starting	Finishing	Filled with acid (Kg) +/-5%	Litres/Cell	L mm +/-3	W mm +/-3	H mm +/-3	Constant Potential Limiting Current (A)	Min	Max
Final Voltage per cell (V)	1.75	1.80 (Conforms to BIS 13369)	-	2.35	2.75								
6EL120	120	114	12	15.00	7.50	63.00	23.77	500	187	421	30.00	120	480
6EL130	130	123	12	16.00	8.00	60.20	20.00	500	187	421	32.50	130	520
6EL150D	150	142	12	18.00	9.00	60.95	24.00	500	188.38	398	37.50	150	600
6EL160	160	152	12	20.00	10.00	72.00	22.13	500	187	421	40.00	160	640
6EL180D	180	171	12	22.00	11.0	79.28	22.00	500	188.38	398	45.00	180	720
6EL200	200	190	12	24.00	12.00	76.00	15.57	500	187	421	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**  
**EL**

**EL** is a product of ISO 9001, ISO 14001, and OHSAS 18001 certified factory

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PHX/EL /08-2015

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+Estimated

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