

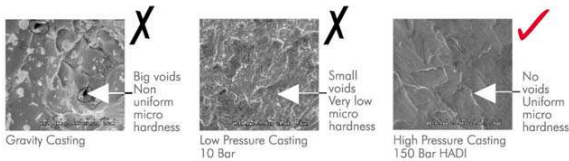
EXIDE
INDUSTRIAL



Breakthrough **5** year warranty



The Ultimate UPS Battery



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.

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)		Minimum Ah input during initial charge	Approx. Battery Weight		Approx. acid qty at 1.220 Sp. Gr.	Overall Dimensions			Constant Potential Limiting Current (A)	Trickle Charge Current (mA)	
	10 Hrs.	10 Hrs.	Nominal Monobloc Unit Voltage (V)	Starting	Finishing		Without acid (Kg) +/-5%	Filled with acid (Kg) +/-5%		Litres/Cell	L mm +/-3	W mm +/-3		H mm +/-3	Min
Final Voltage per cell (V)	1.75	1.80 (Conforms to BIS 13369)	-	2.35	2.70										
6EL40+	40	38	12	5.00	2.50	180	18.10	28.00	1.33	410	176	249	6.00	40	160
6EL50+	50	47	12	6.00	3.00	225	18.30	28.20	1.33	410	176	249	7.50	50	200
6EL66+	66	63	12	8.00	4.00	300	24.40	40.70	2.23	506	220	293	10.00	70	280
6EL80+	80	76	12	9.60	5.00	360	28.60	44.00	2.10	506	220	293	12.00	80	320

EXIDE EL+ TALL TUBULAR RANGE

CAPACITIES, WEIGHTS AND DIMENSIONS															
Type	Capacity in Ah at 27°C when discharged for			Charge Current (A)		Minimum Ah input during initial charge	Approx. Battery Weight		Approx. acid qty at 1.220 Sp. Gr.	Overall Dimensions			Constant Potential Limiting Current (A)	Trickle Charge Current (mA)	
	10 Hrs.	10 Hrs.	Nominal Monobloc Unit Voltage (V)	Starting	Finishing		Without acid (Kg) +/-5%	Filled with acid (Kg) +/-5%		Litres/Cell	L mm +/-3	W mm +/-3		H mm +/-3	Min
Final Voltage per cell (V)	1.75	1.80 (Conforms to BIS 13369)	-	2.35	2.70										
6EL100+	100	95	12	12.00	6.00	450	29.80	56.90	3.70	500	187	421	15.00	100	400
6EL130+	130	123	12	16.00	8.00	585	40.60	66.90	3.60	500	187	421	19.50	130	520
6EL150+	150	142	12	18.00	9.00	675	47.60	71.70	3.30	500	187	421	22.50	150	600
6EL180+	180	171	12	22.00	11.00	810	48.80	70.80	3.00	500	187	421	27.00	180	720

- For constant potential charging higher rates are permissible for maximum charger setting of 2.40 volts per cell.
- Trickle charge voltage should be adjusted between 2.15 – 2.25 volts per cell.
- Technical information regarding 6V EL Tubular available on request.

The benefits derived are as follows:

- The designed float life of Exide EL+ extends well beyond 5 years and on an average 8 – 10 years for EL+ Range.
- The cyclic life of EL+ is also very high to the tune of 1200 cycles at 80% depth of discharge.
- The low antimony content of the spines ensures a very low self discharge loss of the order of 1% of the 10 hour rate capacity per week at 25°C.
- The combination of low antimony alloy and ceramic vent plug keeps the water addition requirement very low. A topping up frequency of once in 6-9 months can easily be achieved in normal operating conditions.

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 2.7 vpc - 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



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 Hatibagan Road, Entally, Kolkata - 700 014, Phone (033) 2286 6158/6159, Fax (033) 2286 6186 E-mail: indikara@ent.exide.co.in

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PHW/EL+/10K/08-06

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+Estimated

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