Applications
- UPS Systems
- 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

5 YEARS WARRANTY PRODUCT

<table>
<thead>
<tr>
<th>Battery Type</th>
<th>Nominal Monobloc Limit (V)</th>
<th>Capacity (AH)</th>
<th>Charging Current for Initial Amp</th>
<th>Filled Battery Weight (KG)</th>
<th>Approx. Acid Qty. @1,240 Sp. Gr.</th>
<th>Maximum Overall Dimensions (Mm)</th>
<th>Constant Potential Limiting Current (Amp)</th>
<th>Trickle Charge Current (mA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6EL40+</td>
<td>12V 40 38</td>
<td>5.0 2.5</td>
<td>28.60</td>
<td>10.08</td>
<td>408 174 281</td>
<td>10.00</td>
<td>40 160</td>
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<tr>
<td>6EL50+</td>
<td>12V 50 47</td>
<td>6.0 3.0</td>
<td>30.80</td>
<td>8.87</td>
<td>408 174 281</td>
<td>12.50</td>
<td>50 200</td>
<td></td>
</tr>
<tr>
<td>6EL68+</td>
<td>12V 66 63</td>
<td>8.0 4.0</td>
<td>43.12</td>
<td>15.33</td>
<td>531 220 281</td>
<td>16.50</td>
<td>70 280</td>
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<tr>
<td>6EL80+</td>
<td>12V 80 76</td>
<td>9.6 5.0</td>
<td>46.80</td>
<td>15.56</td>
<td>531 220 281</td>
<td>20.00</td>
<td>80 320</td>
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<tr>
<td>6EL100+</td>
<td>12V 100 95</td>
<td>12.0 6.0</td>
<td>55.20</td>
<td>22.17</td>
<td>500 187 421</td>
<td>25.00</td>
<td>100 400</td>
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<tr>
<td>6EL130+</td>
<td>12V 130 123</td>
<td>16.0 8.0</td>
<td>65.50</td>
<td>20.64</td>
<td>500 187 421</td>
<td>32.50</td>
<td>130 520</td>
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<tr>
<td>6EL150+</td>
<td>12V 150 142</td>
<td>18.0 9.0</td>
<td>71.70</td>
<td>20.60</td>
<td>500 187 421</td>
<td>37.50</td>
<td>150 600</td>
<td></td>
</tr>
<tr>
<td>6EL180+</td>
<td>12V 180 171</td>
<td>22.0 11.0</td>
<td>72.40</td>
<td>22.00</td>
<td>500 187 421</td>
<td>45.00</td>
<td>180 720</td>
<td></td>
</tr>
</tbody>
</table>

Operational Settings:
For constant potential charging - Boost Voltage (max) : 2.40 Volts per cell, Float Voltage: 2.25 Volts per cell
Limit charging current (A) : 10-20% of C10 capacity

Equalizing Charge:
An equalizing charge is a special charge given when non-uniformity in voltage/Sp. Gr. has developed between batteries. It is given to restore all batteries to a fully charged condition. Equalize charge should be done in every 6 months at the rate 3 to 4% constant current of C10 capacity upto TOC voltage (@2.65 vpc) for 6 hours.

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.

The benefits derived are as follows:
1. The designed float life of Exide EL+ extends well beyond 5 years and on an average 8–10 years for EL+ Range.
2. The cyclic life of EL+ is also very high to the tune of 1500 cycles at 80% depth of discharge.
3. The low antimony content of the plates ensures a very low self discharge loss of the order of 1% of the 10 hour rate capacity per week at 25°C.
4. The combination of low antimony alloy and ceramic vent plug keeps the water addition requirement very low.

A tapping up frequency of once in 6-9 months can easily be achieved in normal operating conditions.

EXIDE
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Mumbai: ‘RAHEJA’, 5th Floor, 8C Main Avenue, V P Road, Santacruz (West), Mumbai - 400 054, Phone (22) 2648 5283/84, Fax (22) 2648 5042
Kolkata: 6A Habibgan Road, Entally, Kolkata - 700 014, Phone (033) 2286 6158/6159, Fax (033) 2303 6000 2266 1518/5959/93, E-mail: indcare@exide.co.in

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