TRUE FRONT ACCESS®

TEL Series
Float Service

Typical Wireline Application

Typical Wireless Application

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Battery</th>
<th>Voltage Per Unit</th>
<th>Ampere Hour Capacity @ 77°F (25°C)</th>
<th>Ampere Hour Capacity @ 68°F (20°C)</th>
<th>Maximum Discharge Current</th>
<th>Short Circuit Current</th>
<th>Ohms Impedance 60 Hz (Ω)</th>
<th>Battery Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEL12-210Fa</td>
<td>12 V</td>
<td>202 Ah</td>
<td>199 Ah</td>
<td>800 Amperes</td>
<td>4500 Amperes</td>
<td>0.0040 Ohms</td>
<td>140 lbs/64 kg</td>
</tr>
</tbody>
</table>

**BENEFITS:**

- Long Life Float Service Design
- Confirmed via 3rd party Certification
- Premium alloy and material components
- True Front Access Design
- True direct connect terminal for reliability
- C&D Ohmic Ring® for accurate testing
- Connection versatility
- Maximum Performance
  - Superior output due to direct terminal connection
  - Low internal resistance
- Compliant to major global specifications
  - IEC 60896-21/22
  - Telcordia SR-4228
  - Eurobat Guide Classification: Long Life
  - Bellcore GR-63-CORE & GR-1089-CORE
  - UL94 V-0FR
- Non-Hazardous, not restricted for any transportation mode (air, water or land)
SPECIFICATIONS

Ampere Hour Capacity to 1.75 Volts per Cell @77°F (25°C)

<table>
<thead>
<tr>
<th>Model</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEL12-210Fa</td>
<td>138</td>
<td>165</td>
<td>170</td>
<td>176</td>
<td>190</td>
<td>194</td>
<td>199</td>
<td>202</td>
<td>206</td>
<td>209</td>
</tr>
</tbody>
</table>

Ampere Hour Capacity to 1.80 Volts per Cell @68°F (20°C)

<table>
<thead>
<tr>
<th>Model</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEL12-210Fa</td>
<td>126</td>
<td>153</td>
<td>153</td>
<td>158</td>
<td>175</td>
<td>179</td>
<td>183</td>
<td>186</td>
<td>190</td>
<td>192</td>
</tr>
</tbody>
</table>

DIMENSIONS

Operating Temperature Range with temperature compensation

Discharge: -40°F (-40°C) to 160°F (71°C)
Charge: -10°F (-23°C) to 140°F (60°C)

Nominal Operating Temperature Range
+68°F (20°C) to +80°F (27°C)

Recommended Maximum Charging Current Limit
C20/5 Amperes (46 A)

Float Charging Voltage
13.5 to 13.8 VDC average per 12V unit

Maximum AC Ripple (Charger)
0.5% RMS or 1.5% P-P of float charge voltage recommended for best results. Max AC ripple voltage allowed = 1.4% RMS (4% P-P) Max AC ripple current allowed = 11.5 amperes RMS (C20/20)

Self Discharge
Battery can be stored up to 6 months at 77°F (25°C) before a freshening charge is required. Batteries stored at temperatures greater than 77°F (25°C) will require recharge sooner than batteries stored at lower temperatures. See C&D bulletin 41-7272, Self-Discharge and Inventory Control for details.

Equalize charge and cycle service voltage
14.40 to 14.80 VDC average per 12V unit @ 77°F (25°C)

Terminal: Inserted - Inter-unit connector and hardware provided
Threaded copper alloy insert terminal to accept 1/4-20 bolt

Terminal Hardware Torque:
110 in.-lbs. (12.4 N-m)

Telcordia Part Numbers
Battery Part Number
TEL12-210Fa
CLEI Code
Pending
CPR
Pending

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