Advanced design, computer aided manufacturing, and quality processes (control) combine to make MK Battery’s Sealed VRLA, Genuine Gel Batteries the standard by which all others are measured.

**FEATURES**
- 100% Maintenance-Free
- IPF® Technology
- Recombinant construction with gelled electrolyte
- Thick consistency of gelled electrolyte and tight-pack construction
- Over 250 quality control checks
- Defined as non-spillable by ICAO, IATA and DOT for all methods of shipping

**BENEFITS**
- No need to check electrolyte levels
- Individual Plate Formation optimizes power capacity, cell consistency and long-term reliability
- Eliminates spills, gases and terminal corrosion under normal operating conditions
- Prevents the damaging effects of vibration
- Guarantees highest quality, performance and reliability
- Transports easily by air without special containers
**GEL SPECIFICATIONS**

**Nominal Ah Capacity**
- Description: Nominal Ah Capacity (1.75 vpc @ 77°F (25°C)). Ampere hour capacity is a nominal rating. All ratings are after 15 cycles and conform to B.C.I. specifications.

**Peak Ah Capacity**
- Description: Peak Ah Capacity (1.75 vpc @ 22°F (-5°C)). Maximum capacity battery will achieve over the life of the product.

**Minutes Discharged @**
- Description: Minutes discharged at different ambient temperatures.

**CA**
- Description: CCA (Cold Cranking Amps) for different battery models.

**Approx. Lbs. (kg)**
- Description: Approximate weight in pounds and kilograms.

**Dimensions – Inches (mm)**
- Description: Dimensions in inches and millimeters for different battery models.

**Footnotes**
- Description: Footnotes for different battery models.

**TERMINALS**
- Description: Terminations and terminals for different battery models.

**FOOTNOTES**
- Description: Footnotes for different battery models.

**GEL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Alternate Model</th>
<th>Terminal</th>
<th>Voltage</th>
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<tr>
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<td>147 180</td>
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</table>

**TERMINALS**

- **B** Flag terminal with 3/8" diameter hole (T878)
- **C** Insert with 1/4" - 20 round hole
- **G** Offset post with horizontal hole, stainless steel 5/16" bolt & hex nut (T881)
- **S** SAE "Automotive Post" (TSAE)
- **T** Heavy Duty "L" terminal with 3/8" diameter hole (T975)
- **U** Dual terminal (DT) SAE post & vert 5/16" NEG. & 5/16" POS. stainless steel studs & wing nuts
- **X** 3/8" - 16 stainless steel threaded post
- **Y** Small "L" terminal with 5/16" diameter hole

**FOOTNOTES**

- **1** Includes Handle
- **2** "Non-Spillable" defined by DOT (Department of Transportation), ICAO (International Civil Aviation Organization) and IATA (International Air Transport Association) definitions
- **3** Standard Cycle Life
- **4** Standard Cycle Life x 2
- **5** Standard Cycle Life x .67

**PROPOSITION 65 WARNING:** Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer: Wash Hands After Handling.

**MADE IN THE USA WITH U.S. AND IMPORTED RAW MATERIALS**

**IMPORANT CHARGING INSTRUCTIONS:**
- Warranty void if opened or improperly charged. Constant under or overcharging will damage any battery and shorten its life. Use a good constant potential, voltage-regulated charger. For 12-volt batteries, charge to at least 13.8 volts but no more than 14.6 volts at 77°F (25°C). For 6-volt batteries, charge to at least 6.9 volts but no more than 7.3 volts at 77°F (25°C). Do not charge in a sealed container.

**Capacity vs Operating Temperature**

- Shown are the changes in capacity for wider ambient temperature range, giving the available capacity, as a percentage of the rated capacity, at different ambient temperatures.

**RESERVE CAPACITY PROFILE**

- For 6V and 8V batteries refer to www.mkbattery.com.

**Gel Cycle Life vs Depth of Discharge at +25°C (77°F)**

- Based on BCI 2 hour Capacity.

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