Valve-Regulated
Sealed construction eliminates periodic watering, corrosive acid fumes, and spills

Gelled Electrolyte
Electrolyte will not stratify

Positive and Negative Plate
Lead calcium

Self-Discharge
Less than 2% per month stand loss means little deterioration during transport and storage

Exclusive IPF® Technology
Optimizes power capacity, cell consistency, and long-term reliability

Rated Non-Spillable by ICAO, IATA, and DOT
Transports easily and safely by air, no special containers needed

Renewable Energy • Water pumping • Residential • Communications
• Cathodic protection • Remote monitoring • Refrigeration
• Lighting • Aids to navigation • Wind generation
Cut-off parameters per charge & equalize intervals are application specific and will vary dependent upon site specific characteristics such as temperature, days of autonomy, array to load ratio, etc.

The solar battery excels in cycling applications.

*Dependent upon proper charging and ambient temperatures.

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### Photovoltaic Charging Parameters

<table>
<thead>
<tr>
<th>Bulk Charge</th>
<th>Absorption (Regulation) Charge</th>
<th>Constant Voltage (2.35 - 2.40 vpc)</th>
<th>Float Charge</th>
<th>Constant Voltage (2.25 vpc ± 0.01)</th>
<th>Equalize Charge</th>
<th>Constant Voltage (2.40 - 2.43 vpc)</th>
<th>Temperature Coefficient</th>
<th>0.003 v / °C</th>
</tr>
</thead>
</table>

### IMPORTANT CHARGING INSTRUCTIONS:

- All ratings are after 15 cycles and conform to B.C.I. specifications.
- Important charging instructions: Warranty void if opened or improperly charged. Do not install in a sealed container. Constant under or overcharging will damage any battery and shorten its life. Use a good constant potential, voltage-regulated charger. The manufacturer recommends a constant potential voltage-regulated charger.
- The Peak Rating - Maximum amount of amp-hours a battery can deliver at specified rate.
- SPECIFICATIONS:

#### CYCLE LIFE VS DEPTH OF DISCHARGE AT +25°C (77°F)*

#### CAPACITY VS OPERATING TEMPERATURE

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### PART NO. FOOT NOTES VOLTS PERFORMances LEVEL PEAK RATING** DIMENSIONS

<table>
<thead>
<tr>
<th>Ampere Hour Capacity @ 77°F (25°C)</th>
<th>Short Circuit Current</th>
<th>Weight (lb)</th>
<th>L</th>
<th>W</th>
<th>H</th>
</tr>
</thead>
</table>

### Footnotes:

- 17 - Includes handle
- 38 - "Non-Spillable" defined by DOT (Department of Transportation) definitions
- 39 - "Non-Spillable" defined by ICAO (International Civil Aviation Organization) and IATA (International Air Transport Association) definitions

### Terminal Information

- B - Flag Terminal w/ 3/8" diameter hole
- C - 1/4-20 Tapped Insert
- D - Flag Terminal w/ 5-16" diameter hole
- E - SAE "automotive type" post (TSAE)
- F - 3/8-16 stainless steel threaded post
- G - Small "L" terminal w/ 5/16" diameter hole

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### Guarantee

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