ENERGY STORAGE SOLUTIONS

FOR RENEWABLE ENERGY
HYBRID SYSTEMS / BACKUP POWER
LEGENDARY QUALITY FOR THE SOLAR INDUSTRY.

As the leading manufacturer of deep-cycle batteries, Trojan Battery Company believes it is possible to make a global shift to energy sources that are environmentally friendly and readily available worldwide.

For nearly 100 years, Trojan Battery has focused its experience and expertise in deep-cycle technology on manufacturing the highest quality, deep-cycle batteries available in the industry.

Trojan Battery’s world-class development team continually tests and innovates new products, systems, and applications, establishing Trojan’s reputation as the world’s #1 deep-cycle battery manufacturer.

Our commitment is to our customer. Trojan Battery ensures that our products are made with the highest quality components and always deliver superior performance, durability and reliability.

Essential to Trojan's overall commitment to product quality is our investment in independent third-party testing, which provides valuable data on product performance while validating Trojan’s product reliability and quality. This investment ensures that Trojan delivers the best products available for your application.

THE TROJAN ADVANTAGE

- World’s leading manufacturer of advanced deep-cycle battery technology
- Worldwide reputation for best return on investment, durability, performance, and quality components
- Outstanding technical and customer service
- Industry leader in health and safety compliance as well as environmental stewardship
- Available in over 120 countries
**TECHNOLOGY** | **SOLAR INDUSTRIAL** | **SOLAR PREMIUM** | **SOLAR SIGNATURE** | **SOLAR AGM** | **BENEFITS**
--- | --- | --- | --- | --- | ---
Smart Carbon™ | ☑ | ☑ | | | Provides improved charge acceptance and faster recharge under PSOC conditions.
Alpha Plus® Paste with T2 Technology | ☑ | ☑ | | ☑ | Proprietary high-density paste maximizes sustained performance and increases total energy.
DuraGrid™ Technology | ☑ | ☑ | | ☑ | Thick grid structure maintains better corrosion resistance.
Trojan Grid Technology | | | | ☑ | Exceptional structural adhesion which enhances current flow and reduces downtime and maintenance costs.
Reinforced Protection Wrap | ☑ | | | | Protects against shedding and ensures electrochemical performance.
Maxguard® XL Separator | ☑ | ☑ | | | Wide-channel design increases acid flow for optimum battery performance.
Premium AGM Separator | | | | ☑ | Extra thick separators extend the life-cycle.
Maxguard® T2 Separator | | | | ☑ | Optimizes porosity development in active material which sustains battery for longer period of time.
Moss Shield | ☑ | ☑ | | | Increases battery life by protecting the top of the plates from shorting to the cell strap.
Maximum Flame Arrestors | ☑ | ☑ | | | Provides maximum safety by preventing sparks from igniting the hydrogen in the battery cell.
Hydrolink™ or Single-Point Watering Kit | ☑ | ☑ | | | Precise battery watering is safer, easier and faster for Solar Industrial, Premium and Signature batteries.
Premium Casing | ☑ | ☑ | | ☑ | Durable Polyon™ or polypropylene casing protects against damage caused by harsh conditions.

**ENGINEERED AND MANUFACTURED WITH THE RELIABILITY, DURABILITY AND PERFORMANCE OUR CUSTOMERS HAVE COME TO EXPECT.**

At Trojan, we are investing at record levels in manufacturing and production improvement projects at our U.S. facilities. Trojan’s recent addition of advanced robotics, state-of-the-art cast-on-strap (COS) technology, automated acid fill stations, heat seal and testing equipment ensure the overall quality of our batteries.

**IMPORTANCE OF TESTING LEAD-ACID BATTERIES TO THE IEC 61427 STANDARD**

Life expectancy of Photovoltaic batteries based on lead-acid chemistry has been difficult to quantify – until now. The IEC 61427 test provides performance criteria that lead-acid batteries in Partial State of Charge applications like PV should be measured against.
SOLAR INDUSTRIAL
3,600 CYCLES @ 50% DOD
610 – 2450 Ah @ 100 Hr

KEY FEATURES
- Smart Carbon™
- Alpha Plus® Paste with T2 Technology™
- DuraGrid™ Technology
- Reinforced Protection Wrap
- Maxguard® XL Separator
- Moss Shield

SOLAR PREMIUM
1,900 CYCLES @ 50% DOD
225 – 1255 Ah @ 100 Hr

KEY FEATURES
- Smart Carbon™
- Alpha Plus® Paste with T2 Technology™
- DuraGrid™ Technology
- Maxguard® XL Separator
- Moss Shield

SOLAR SIGNATURE
600 – 1,200 CYCLES @ 50% DOD
95 – 490 Ah @ 100 Hr

KEY FEATURES
- Alpha Plus® Paste with T2 Technology™
- Trojan Grid Technology
- Maxguard® T2 Separator

Please review the Limited Warranty document at www.trojanbattery.com for more information.
THE TROJAN FAMILY YOU KNOW AND TRUST.

Trojan Battery employees work alongside GRID Alternatives personnel in Juntas de Neji, in Baja California, Mexico to provide power for a school.

SOLAR AGM
1,700 CYCLES @ 50% DOD
105 – 375 Ah @ 20 Hr

KEY FEATURES
Alpha Plus® Paste with T2 Technology™
DuraGrid™ Technology
Premium AGM Separator
Rugged Construction

SOLAR GEL
1,000 CYCLES @ 50% DOD
85 – 265 Ah @ 100 Hr

KEY FEATURES
Non-Spillable
Low Self-Discharge
No Stratification
High Temperature Tolerant
Shock and Vibration Resistant
SOLAR INDUSTRIAL

The Solar Industrial Line is engineered specifically to support renewable energy systems with large daily loads where the batteries are cycled regularly. These high amp-hour capacity batteries are ideal for use in large off-grid photovoltaic (PV) systems, off-grid hybrid PV systems, grid-tied PV systems with battery backup, smart grid peak shifting systems and a variety of other applications. The Solar Industrial Line is tested to IEC standards and features advanced battery technologies that deliver reliable power. Trojan’s Solar Industrial Line is the perfect combination of performance and function.

SMART CARBON™
Increases the electrochemically active surface area which provides improved charge acceptance and faster recharge in applications where the batteries may experience Partial State Of Charge (PSOC) on a regular basis.

ALPHA PLUS® PASTE WITH T2 TECHNOLOGY™
A proprietary, high-density paste formulation precisely engineered to deliver outstanding battery performance.

DURAGRID™ TECHNOLOGY
Features a thick grid structure which maintains greater corrosion resistance, effectively increasing the life of the battery.

REINFORCED PROTECTION WRAP
Protects against shedding and assures the electrochemical performance of the battery’s active material.

MAXGUARD® XL SEPARATOR
Features a wide-channel design that increases acid flow for optimum battery performance.

MOSS SHIELD
Protects the separators from damage. The moss shield increases the battery life by protecting the top of the plates from shorting to the cell strap.

SOLAR INDUSTRIAL
3,600 CYCLES @ 50% DOD
SIND 06 920, SIND 06 925, SIND 04 965, SIND 04 985, SIND 04 1085, SIND 06 992, SIND 02 1990, SIND 02 1995

DEPTH OF DISCHARGE VS. CYCLE LIFE IN A STATIONARY APPLICATION

SUSTAINED CAPACITY OVER IEC LIFE TEST

ACTUAL TEST DATA ON SIND 06 920 UNDER IEC 61427 LIFE TEST

SMART CARBON™
15% MORE CYCLES
SOLAR PREMIUM

Renewable Energy applications operate under challenging conditions such as fluctuating or extreme temperatures, remote locations and the intermittent nature of solar and wind power generation. Trojan Battery’s Solar Premium Line of flooded deep-cycle batteries is specifically designed and tested to IEC standards to withstand the rigorous conditions of renewable energy applications. Our product strategy is focused on one simple objective – manufacture the highest quality battery available in the industry.

◆ FLOODED ◆ 225 – 1255 Ah @ 100 Hr ◆ 8+ YEARS LIFE* ◆ 3-YEAR WARRANTY ◆ EASY MAINTENANCE

SMART CARBON™
A proprietary formula of carbon additives designed to enhance battery life and performance.

ALPHA PLUS® PASTE WITH T2 TECHNOLOGY™
Optimizes porosity development in the active material resulting in sustained battery performance over a longer period of time.

DURAGRID™ TECHNOLOGY
Specifically designed for the longer life requirements of renewable energy applications.

MAXGUARD® XL SEPARATOR
30 percent thicker than our T2 flooded battery separator, and provides even greater resistance to stratification which is typically a mode of failure in batteries used in renewable energy systems.

“TROJAN BATTERY PROVIDED THE DURABLE, LONG LASTING ENERGY STORAGE REQUIRED FOR THIS SELF-CONTAINED PV SYSTEM TO WORK PROPERLY WHILE AVOIDING THE NEED TO USE DIESEL. WITH THEIR ROBUST DESIGN AND DOUBLE CASING, TROJAN’S SOLAR BATTERIES SAFELY SHIPPED TO THIS REMOTE LOCATION AND FIT PERFECTLY IN THE OFF-GRID SYSTEM.”

DANIEL MEDINA
OWNER AND FOUNDER OF HEMEVA S.A.S.

*According to IEC 61427
**SOLAR SIGNATURE**

The Solar Signature Line of deep-cycle flooded batteries is engineered to provide rugged durability and outstanding performance. Trojan's Solar Signature Line is perfectly suited for use in renewable energy systems where lowest life-cycle cost is the key consideration. An all-around power house, the Solar Signature Line features Trojan's historically-proven engineering with T2 Technology, an advanced battery technology for maximum sustained performance, longer life and increased total energy.

**α FLOODED • 95 – 490 Ah @ 100 Hz • 6 MONTHS TO 1 YEAR WARRANTY • EASY MAINTENANCE**

---

**DEPT**

1. **ALPHA PLUS® PASTE**
   *WITH T2 TECHNOLOGY™*
   Optimizes porosity development in the active material resulting in sustained battery performance over a longer period of time.

2. **TROJAN GRID TECHNOLOGY**
   Specifically designed for the longer life requirements of renewable energy applications.

3. **MAXGUARD T2 SEPARATOR**
   The separator features a multi-rib geometry which keeps acid channels open longer, enhancing electrochemical processing while reducing the risk of stratification. Maxguard’s thick back web provides even greater separator strength resulting in a more robust battery, with increased protection against failures caused by separator degradation.

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**HAVING INSTALLED TROJAN BATTERIES OVER 10 YEARS AGO FOR MY OWN SOLAR SYSTEM, THEY CONTINUE TO OUTPERFORM, EXCEEDING MY EXPECTATIONS. I CHOOSE TROJAN BATTERIES BECAUSE THEY ARE DURABLE AND EASY TO MAINTAIN.”**

**DAVID VERNER**

**ADIRONDACK SOLAR, ALBANY NY**
**SOLAR AGM**

Trojan has incorporated several key engineering features in its Solar AGM batteries for renewable energy, hybrid and backup power applications that require deep-cycling power in a non-spillable battery design. Engineered for best value and worry-free usage, Trojan Solar AGM maintenance-free batteries can be counted on day in and day out as a reliable power source for a wide range of off-grid, grid-tied and unstable grid applications.

**TROJAN’S PROVEN QUALITY AND RELIABILITY IS THE RESULT OF OUR EXTENSIVE ENGINEERING EXPERTISE IN DEEP-CYCLE BATTERY DESIGN. OUR SOLAR AGM BATTERIES FEATURE:**

- Premium absorbed glass mat separators for maximum performance
- Optimized paste formula for solar applications
- Flame arrestors for safety
- Rugged Polypropylene case for durability

These combined elements deliver increased total energy output, maximized sustained performance, consistent quality, and enhanced durability.

**SOLAR GEL**

Trojan’s non-spillable, maintenance-free gel batteries deliver superior energy in demanding renewable energy applications. Engineered for rugged durability, outstanding performance and long battery life, Trojan’s deep-cycle gel batteries feature a proprietary gel formulation which provides consistent performance. Its active material effectively adheres to the heavy-duty thick grids supplying concentrated energy to the terminals.
<table>
<thead>
<tr>
<th>MODEL NAME</th>
<th>VOLTAGE</th>
<th>CAPACITY * AMP-HOURS (Ah)</th>
<th>ENERGY (kWh)</th>
<th>DEFAULT TERMINAL</th>
<th>DIMENSIONS * INCHES (mm)</th>
<th>WEIGHT * LBS. (kg)</th>
<th>HANDLES</th>
<th>INSTALLATION ORIENTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIND 04 610</td>
<td>6 VOLT</td>
<td>421 472 540 578 610</td>
<td>3.66</td>
<td>14</td>
<td>15.33 (389) 10.22 (260) 24.01 (610) 220 (100)</td>
<td>Molded</td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>SIND 04 920</td>
<td>6 VOLT</td>
<td>627 708 813 870 920</td>
<td>5.52</td>
<td>14</td>
<td>22.34 (567) 10.30 (262) 24.01 (610) 315 (143)</td>
<td>Molded</td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>SIND 04 1225</td>
<td>6 VOLT</td>
<td>835 942 1083 1159 1225</td>
<td>7.35</td>
<td>14</td>
<td>27.13 (689) 10.44 (265) 24.01 (610) 415 (188)</td>
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<td>Vertical</td>
<td></td>
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<tr>
<td>SIND 04 1685</td>
<td>4 VOLT</td>
<td>1149 1293 1489 1594 1685</td>
<td>6.74</td>
<td>14</td>
<td>22.34 (567) 10.30 (262) 24.01 (610) 367 (167)</td>
<td>Molded</td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>SIND 04 2145</td>
<td>4 VOLT</td>
<td>1474 1647 1896 2030 2145</td>
<td>8.58</td>
<td>14</td>
<td>27.22 (691) 10.44 (265) 24.01 (610) 465 (211)</td>
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<td>Vertical</td>
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<td>SIND 02 1990</td>
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<td>1393 1547 1771 1889 1990</td>
<td>3.98</td>
<td>14</td>
<td>15.33 (389) 10.22 (260) 24.01 (610) 235 (107)</td>
<td>Molded</td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>SIND 02 2450</td>
<td>2 VOLT</td>
<td>1712 1882 2166 2318 2450</td>
<td>4.90</td>
<td>14</td>
<td>17.33 (440) 10.22 (260) 24.01 (610) 278 (125)</td>
<td>Molded</td>
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</tr>
</tbody>
</table>

SOLAR PREMIUM LINE – DEEP-CYCLE FLOODED BATTERIES WITH SMART CARBON – 1,900 CYCLES @ 50% DOD

<table>
<thead>
<tr>
<th>MODEL NAME</th>
<th>VOLTAGE</th>
<th>CAPACITY * AMP-HOURS (Ah)</th>
<th>ENERGY (kWh)</th>
<th>DEFAULT TERMINAL</th>
<th>DIMENSIONS * INCHES (mm)</th>
<th>WEIGHT * LBS. (kg)</th>
<th>HANDLES</th>
<th>INSTALLATION ORIENTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPRE 04 225*</td>
<td>12 VOLT</td>
<td>179 204 212 216 225</td>
<td>2.70</td>
<td>6</td>
<td>14.97 (380) 6.91 (176) 14.71 (374) 132 (60)</td>
<td>Braided Rope</td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>SPRE 04 255</td>
<td>6 VOLT</td>
<td>211 229 244 249 255</td>
<td>1.53</td>
<td>16</td>
<td>10.30 (262) 7.13 (191) 11.74 (298) 67 (30)</td>
<td>Embedded</td>
<td>Vertical</td>
<td></td>
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<tr>
<td>SPRE 06 415*</td>
<td>6 VOLT</td>
<td>346 377 401 410 415</td>
<td>2.50</td>
<td>5</td>
<td>11.66 (296) 6.94 (176) 17.55 (446) 118 (54)</td>
<td>Braided Rope</td>
<td>Vertical</td>
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<tr>
<td>SPRE 02 125*</td>
<td>2 VOLT</td>
<td>1039 1130 1203 1232 1255</td>
<td>2.51</td>
<td>5</td>
<td>11.66 (296) 6.94 (176) 17.55 (446) 119 (54)</td>
<td>Braided Rope</td>
<td>Vertical</td>
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</table>

SOLAR SIGNATURE LINE – DEEP-CYCLE FLOODED BATTERIES – 1,200 CYCLES @ 50% DOD

<table>
<thead>
<tr>
<th>MODEL NAME</th>
<th>VOLTAGE</th>
<th>CAPACITY * AMP-HOURS (Ah)</th>
<th>ENERGY (kWh)</th>
<th>DEFAULT TERMINAL</th>
<th>DIMENSIONS * INCHES (mm)</th>
<th>WEIGHT * LBS. (kg)</th>
<th>HANDLES</th>
<th>INSTALLATION ORIENTATION</th>
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<tr>
<td>SSIG 06 170</td>
<td>12 VOLT</td>
<td>136 153 157 164 170</td>
<td>2.04</td>
<td>2</td>
<td>13.95 (354) 7.13 (181) 10.71 (272) 84 (38)</td>
<td>Braided Rope</td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>SSIG 06 230*</td>
<td>12 VOLT</td>
<td>192 209 214 223 230</td>
<td>2.76</td>
<td>6</td>
<td>14.97 (380) 6.91 (176) 14.67 (373) 114 (52)</td>
<td>Braided Rope</td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>SSIG 06 255*</td>
<td>12 VOLT</td>
<td>211 229 237 247 255</td>
<td>3.06</td>
<td>6</td>
<td>14.97 (380) 6.91 (176) 14.67 (373) 123 (56)</td>
<td>Braided Rope</td>
<td>Vertical</td>
<td></td>
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<tr>
<td>SSIG 06 235</td>
<td>6 VOLT</td>
<td>196 214 220 228 235</td>
<td>1.42</td>
<td>1</td>
<td>10.30 (262) 7.13 (191) 10.74 (273) 58 (26)</td>
<td>Embedded</td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>SSIG 06 255</td>
<td>6 VOLT</td>
<td>211 229 237 247 255</td>
<td>1.53</td>
<td>1</td>
<td>10.30 (262) 7.13 (191) 10.74 (273) 62 (28)</td>
<td>Embedded</td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>SSIG 06 290</td>
<td>6 VOLT</td>
<td>243 265 271 281 290</td>
<td>1.74</td>
<td>1</td>
<td>10.30 (262) 7.13 (181) 11.48 (292) 72 (33)</td>
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<tr>
<td>SSIG 06 375*</td>
<td>6 VOLT</td>
<td>309 336 348 363 375</td>
<td>2.25</td>
<td>6</td>
<td>11.66 (296) 6.94 (176) 14.37 (365) 96 (44)</td>
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<td>Vertical</td>
<td></td>
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<tr>
<td>SSIG 06 405*</td>
<td>6 VOLT</td>
<td>337 366 376 392 405</td>
<td>2.43</td>
<td>6</td>
<td>11.66 (296) 6.94 (176) 14.37 (365) 98 (44)</td>
<td>Braided Rope</td>
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<tr>
<td>SSIG 06 475*</td>
<td>6 VOLT</td>
<td>393 428 441 459 475</td>
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<td>5</td>
<td>11.66 (296) 6.94 (176) 17.55 (446) 114 (52)</td>
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<td>Vertical</td>
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<tr>
<td>SSIG 06 490*</td>
<td>6 VOLT</td>
<td>407 443 455 474 490</td>
<td>2.94</td>
<td>5</td>
<td>11.66 (296) 6.94 (176) 17.55 (446) 125 (57)</td>
<td>Braided Rope</td>
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</table>

SOLAR SIGNATURE LINE – DEEP-CYCLE FLOODED BATTERIES – 600 CYCLES @ 50% DOD

<table>
<thead>
<tr>
<th>MODEL NAME</th>
<th>VOLTAGE</th>
<th>CAPACITY * AMP-HOURS (Ah)</th>
<th>ENERGY (kWh)</th>
<th>DEFAULT TERMINAL</th>
<th>DIMENSIONS * INCHES (mm)</th>
<th>WEIGHT * LBS. (kg)</th>
<th>HANDLES</th>
<th>INSTALLATION ORIENTATION</th>
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</thead>
<tbody>
<tr>
<td>SIND 04 95</td>
<td>12 VOLT</td>
<td>79 87 88 92 95</td>
<td>1.14</td>
<td>7</td>
<td>10.92 (277) 6.62 (168) 9.25 (235) 47 (21)</td>
<td>Molded Plastic</td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>SIND 04 120</td>
<td>12 VOLT</td>
<td>99 107 111 116 120</td>
<td>1.44</td>
<td>9</td>
<td>12.84 (326) 6.60 (168) 9.74 (247) 55 (25)</td>
<td>Molded Plastic</td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>SIND 04 145</td>
<td>12 VOLT</td>
<td>122 132 135 140 145</td>
<td>1.74</td>
<td>9</td>
<td>13.94 (354) 6.75 (171) 10.09 (256) 66 (30)</td>
<td>Braided Rope</td>
<td>Vertical</td>
<td></td>
</tr>
</tbody>
</table>
## Solar AGM Line – Deep-Cycle AGM Batteries – 1,700 Cycles @ 50% DOD

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>Capacity (Ah)</th>
<th>Energy (kWh)</th>
<th>Default Terminal</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
<th>Handles</th>
<th>Installation Orientation</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAGM 12 105</td>
<td>12 Volt</td>
<td>94</td>
<td>105</td>
<td>109</td>
<td>111</td>
<td>113</td>
<td>1.26</td>
<td>15</td>
</tr>
<tr>
<td>SAGM 12 135</td>
<td>12 Volt</td>
<td>131</td>
<td>135</td>
<td>136</td>
<td>137</td>
<td>137</td>
<td>1.62</td>
<td>15</td>
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<tr>
<td>SAGM 12 205</td>
<td>12 Volt</td>
<td>174</td>
<td>205</td>
<td>210</td>
<td>213</td>
<td>216</td>
<td>2.46</td>
<td>15</td>
</tr>
<tr>
<td>SAGM 08 165</td>
<td>8 Volt</td>
<td>145</td>
<td>165</td>
<td>168</td>
<td>171</td>
<td>174</td>
<td>1.32</td>
<td>15</td>
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<tr>
<td>SAGM 04 220</td>
<td>6 Volt</td>
<td>190</td>
<td>220</td>
<td>228</td>
<td>231</td>
<td>235</td>
<td>1.32</td>
<td>15</td>
</tr>
<tr>
<td>SAGM 06 315</td>
<td>6 Volt</td>
<td>279</td>
<td>315</td>
<td>326</td>
<td>331</td>
<td>335</td>
<td>1.89</td>
<td>15</td>
</tr>
<tr>
<td>SAGM 04 375</td>
<td>6 Volt</td>
<td>329</td>
<td>375</td>
<td>389</td>
<td>394</td>
<td>400</td>
<td>2.25</td>
<td>15</td>
</tr>
</tbody>
</table>

## Solar Deep-Cycle Gel Batteries – 1,000 Cycles @ 50% DOD

<table>
<thead>
<tr>
<th>BCI Group Size</th>
<th>Model Name</th>
<th>Voltage</th>
<th>Capacity (Ah)</th>
<th>Energy (kWh)</th>
<th>Default Terminal</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
<th>Handles</th>
<th>Installation Orientation</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>24-GEL</td>
<td>12 Volt</td>
<td>66</td>
<td>77</td>
<td>85</td>
<td>1.02</td>
<td>6</td>
<td>10.92 (277)</td>
<td>6.61 (168)</td>
</tr>
<tr>
<td>27</td>
<td>27-GEL</td>
<td>12 Volt</td>
<td>76</td>
<td>91</td>
<td>100</td>
<td>1.20</td>
<td>7</td>
<td>12.73 (323)</td>
<td>6.38 (162)</td>
</tr>
<tr>
<td>DIN</td>
<td>55HP-GEL</td>
<td>12 Volt</td>
<td>110</td>
<td>125</td>
<td>137</td>
<td>1.64</td>
<td>8</td>
<td>13.58 (345)</td>
<td>6.75 (172)</td>
</tr>
<tr>
<td>8D</td>
<td>8D-GEL</td>
<td>12 Volt</td>
<td>188</td>
<td>225</td>
<td>265</td>
<td>3.18</td>
<td>5</td>
<td>20.69 (526)</td>
<td>10.95 (278)</td>
</tr>
<tr>
<td>GC8</td>
<td>8V-GEL</td>
<td>8 Volt</td>
<td>114</td>
<td>140</td>
<td>160</td>
<td>1.28</td>
<td>6</td>
<td>10.31 (262)</td>
<td>7.13 (181)</td>
</tr>
<tr>
<td>GC2</td>
<td>6V-GEL</td>
<td>6 Volt</td>
<td>154</td>
<td>189</td>
<td>198</td>
<td>1.19</td>
<td>6</td>
<td>10.25 (260)</td>
<td>7.08 (180)</td>
</tr>
<tr>
<td>DIN</td>
<td>TE35-GEL</td>
<td>6 Volt</td>
<td>180</td>
<td>210</td>
<td>220</td>
<td>1.32</td>
<td>8</td>
<td>9.64 (245)</td>
<td>7.51 (191)</td>
</tr>
</tbody>
</table>

A. The amount of amp-hours (Ah) a battery can deliver when discharged at a constant rate at 86°F (30°C) and maintain a voltage above 1.75 V/cell. Capacities are based on peak performance.  
B. Dimensions may vary depending on type of handle or terminal. Batteries to be mounted with .5 inches (12.7 mm) spacing minimum.  
C. Dimensions taken from bottom of the battery to the highest point on the battery. Heights may vary depending on type of terminal.  
D. Terminal images are representative only.  
E. Weights may vary.  
F. The amount of amp-hours (Ah) Gel batteries can deliver when discharged at a constant rate at 80°F (27°C) and maintain a voltage above 1.75 V/cell. Capacities are based on peak performance.  
Trojan’s battery testing procedures adhere to both BCI and IEC test standards.

**Polyon™** Case

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**Terminal Type**

1 – ELPT  
Embedded Low-Profile  

2 – EHPT  
Embedded High-Profile  

5 – LT  
L-Terminal  

6 – DT  
Automotive Post & Stud  

7 – UT  
Universal  

8 – AP  
Automotive Post  

9 – WNT  
Wingnut  

14 – IND  
Industrial  

15 – M6/M8  
6mm/8mm Insert  

16 – SLT  
Small L-Terminal

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**Configure Your Renewable Energy System with Trojan Batteries Using the Online Renewable Energy Battery Sizing Calculator**

[www.batterysizingcalculator.com](http://www.batterysizingcalculator.com)
LEADING THE CHARGE YESTERDAY, TODAY, AND TOMORROW.

You don’t become the world’s leading manufacturer of deep-cycle batteries by following others or being satisfied with the status quo. At Trojan, we have a long-established reputation for leadership, innovation, and a commitment to unsurpassed quality in every product we design and manufacture.

◆ Trojan made a name for itself in the golf car battery industry starting in 1952. Today we are a leader in deep-cycle markets with applications for mobile elevated work platforms, transportation, renewable energy, floor machines, golf, marine, and recreational vehicles.

◆ We believe in the power of research and development and dedicate significant resources to bringing advanced battery technologies to market.

◆ Quality is at the heart of everything we do, and every battery we design and manufacture is subjected to the most rigorous industry testing procedures.

ENVIRONMENTAL STEWARDSHIP

We are proactive supporters of environmental sustainability. Trojan’s environmental stewardship focuses on clean energy initiatives and recycling programs.

◆ Trojan batteries are 99% recyclable*. The container plastic, battery lead and electrolyte from old deep-cycle flooded, AGM, and Gel batteries can be recycled to produce new deep-cycle batteries.

Your Local Trojan Battery Representative:

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