

| BCI GROUP SIZE  | TYPE      | CAPACITY <sup>A</sup> Amp-Hours (AH) |            |             | ENERGY      | VOLTAGE | TERMINAL Type | DIMENSIONS <sup>B</sup> Inches (mm) |               |                     | WEIGHT lbs. (kg) |
|---|-----------|--------------------------------------|------------|-------------|-------------|---------|---------------|-------------------------------------|---------------|---------------------|------------------|
|   |           | 5-Hr Rate                            | 20-Hr Rate | 100-Hr Rate | 100-Hr Rate |         |               | Length                              | Width         | Height <sup>C</sup> |                  |
| <b>SIGNATURE LINE - DEEP-CYCLE FLOODED BATTERIES</b>  |           |                                      |            |             |             |         |               |                                     |               |                     |                  |
| 24  | 24TMX     | 70                                   | 85         | 94          | 1.13        | 12 VOLT | 5**           | 11-1/4 (286)                        | 6-3/4 (171)   | 9-3/4 (248)         | 47 (21)          |
| 27  | 27TMX     | 85                                   | 105        | 117         | 1.40        | 12 VOLT | 5**           | 12-3/4 (324)                        | 6-3/4 (171)   | 9-3/4 (248)         | 55 (25)          |
| 27  | 27TMH     | 95                                   | 115        | 128         | 1.54        | 12 VOLT | 5**           | 12-3/4 (324)                        | 6-3/4 (171)   | 9-3/4 (248)         | 61 (28)          |
| 30H   | 30XHS     | 105                                  | 130        | 144         | 1.73        | 12 VOLT | 5**           | 13-15/16 (355)                      | 6-3/4 (171)   | 10-1/16 (256)       | 66 (30)          |
| N/A   | J150      | 120                                  | 150        | 166         | 1.99        | 12 VOLT | 2**           | 13-13/16 (351)                      | 7-1/8 (181)   | 11-1/8 (283)        | 84 (38)          |
| 921   | J185P-AC* | 168                                  | 205        | 226         | 2.71        | 12 VOLT | 6             | 15 (381)                            | 7 (178)       | 14-5/8 (371)        | 114 (52)         |
| 921   | J185H-AC* | 185                                  | 225        | 249         | 2.99        | 12 VOLT | 6             | 15 (381)                            | 7 (178)       | 14-5/8 (371)        | 128 (58)         |
| GC2   | T-105     | 185                                  | 225        | 250         | 1.50        | 6 VOLT  | 5**           | 10-3/8 (264)                        | 7-1/8 (181)   | 10-7/8 (276)        | 62 (28)          |
| GC2   | T-125     | 195                                  | 240        | 266         | 1.60        | 6 VOLT  | 2, 4**        | 10-3/8 (264)                        | 7-1/8 (181)   | 10-7/8 (276)        | 66 (30)          |
| GC2H  | T-145     | 215                                  | 260        | 287         | 1.72        | 6 VOLT  | 2, 4**        | 10-3/8 (264)                        | 7-1/8 (181)   | 11-5/8 (295)        | 72 (33)          |
| 902   | J305P-AC* | 271                                  | 330        | 367         | 2.20        | 6 VOLT  | 6             | 11-5/8 (295)                        | 7 (178)       | 14-3/8 (365)        | 96 (44)          |
| 902   | J305H-AC* | 295                                  | 360        | 400         | 2.40        | 6 VOLT  | 6             | 11-5/8 (295)                        | 7 (178)       | 14-3/8 (365)        | 98 (45)          |
| 903   | L16P      | 344                                  | 420        | 467         | 2.80        | 6 VOLT  | 5             | 11-5/8 (295)                        | 7 (178)       | 16-3/4 (424)        | 114 (52)         |
| 903   | L16H      | 357                                  | 435        | 483         | 2.89        | 6 VOLT  | 5             | 11-5/8 (295)                        | 7 (178)       | 16-3/4 (424)        | 125 (57)         |
| <b>PREMIUM LINE - DEEP-CYCLE FLOODED BATTERIES</b>    |           |                                      |            |             |             |         |               |                                     |               |                     |                  |
| GC2H  | T105-RE   | 185                                  | 225        | 250         | 1.50        | 6 VOLT  | 5             | 10-3/8 (264)                        | 7-1/8 (181)   | 11-3/4 (299)        | 67 (30)          |
| 903   | L16RE-A*  | 267                                  | 325        | 360         | 2.16        | 6 VOLT  | 5             | 11-5/8 (295)                        | 7 (178)       | 17-11/16 (450)      | 115 (52)         |
| 903   | L16RE-B*  | 303                                  | 370        | 410         | 2.46        | 6 VOLT  | 5             | 11-5/8 (295)                        | 7 (178)       | 17-11/16 (450)      | 118 (54)         |
| 903   | L16RE-2V* | 909                                  | 1110       | 1235        | 2.47        | 2 VOLT  | 5             | 11-5/8 (295)                        | 7 (178)       | 17-11/16 (450)      | 119 (54)         |
| <b>INDUSTRIAL LINE - DEEP-CYCLE FLOODED BATTERIES</b> |           |                                      |            |             |             |         |               |                                     |               |                     |                  |
| N/A   | IND9-6V   | 355                                  | 445        | 545         | 3.27        | 6 VOLT  | 14            | 15-3/8 (390)                        | 10-1/4 (260)  | 24 (610)            | 220 (100)        |
| N/A   | IND13-6V  | 533                                  | 673        | 820         | 4.92        | 6 VOLT  | 14            | 22-3/8 (568)                        | 10-1/4 (260)  | 24 (610)            | 315 (143)        |
| N/A   | IND17-6V  | 711                                  | 897        | 1090        | 6.54        | 6 VOLT  | 14            | 26-11/16 (678)                      | 10-1/4 (260)  | 24 (610)            | 415 (188)        |
| N/A   | IND23-4V  | 977                                  | 1233       | 1500        | 6.00        | 4 VOLT  | 14            | 22-3/8 (568)                        | 10-1/4 (260)  | 24 (610)            | 370 (168)        |
| N/A   | IND29-4V  | 1245                                 | 1570       | 1910        | 7.64        | 4 VOLT  | 14            | 26-11/16 (678)                      | 10-1/4 (260)  | 24 (610)            | 465 (211)        |
| <b>DEEP-CYCLE AGM BATTERIES</b>                       |           |                                      |            |             |             |         |               |                                     |               |                     |                  |
| U1  | U1-AGM    | 29                                   | 33         | 34          | 0.408       | 12 VOLT | 13            | 8-3/16 (207)                        | 5-3/16 (132)  | 6-13/16 (174)       | 27 (12)          |
| 22  | 22-AGM    | 43                                   | 50         | 52          | 0.624       | 12 VOLT | 13            | 9 (229)                             | 5-8/16 (139)  | 8-1/16 (205)        | 40 (18)          |
| 24  | 24-AGM    | 67                                   | 76         | 84          | 1.01        | 12 VOLT | 6             | 10-3/4 (274)                        | 6-13/16 (174) | 8-11/16 (220)       | 54 (24)          |
| 27  | 27-AGM    | 77                                   | 89         | 99          | 1.19        | 12 VOLT | 6             | 12-9/16 (318)                       | 6-13/16 (174) | 8-3/4 (221)         | 64 (29)          |
| 31  | 31-AGM    | 82                                   | 100        | 111         | 1.33        | 12 VOLT | 6             | 13-7/16 (341)                       | 6-13/16 (174) | 9-3/16 (233)        | 69 (31)          |
| <b>DEEP-CYCLE GEL BATTERIES</b>                       |           |                                      |            |             |             |         |               |                                     |               |                     |                  |
| 24  | 24-GEL    | 66                                   | 77         | 85          | 1.02        | 12 VOLT | 7**           | 10-7/8 (276)                        | 6-3/4 (171)   | 9-5/16 (236)        | 52 (24)          |
| 27  | 27-GEL    | 76                                   | 91         | 100         | 1.20        | 12 VOLT | 7             | 12-3/4 (324)                        | 6-3/4 (171)   | 9-1/4 (234)         | 63 (29)          |
| 31  | 31-GEL    | 85                                   | 102        | 108         | 1.30        | 12 VOLT | 7             | 12-15/16 (329)                      | 6-3/4 (171)   | 9-5/8 (245)         | 70 (32)          |
| DIN   | 5SHP-GEL  | 110                                  | 125        | 137         | 1.64        | 12 VOLT | 5**           | 13-9/16 (345)                       | 6-3/4 (171)   | 11-1/8 (283)        | 85 (39)          |
| GC2   | 6V-GEL    | 154                                  | 189        | 198         | 1.19        | 6 VOLT  | 7             | 10-1/4 (260)                        | 7-1/8 (181)   | 10-7/8 (276)        | 68 (31)          |
| DIN   | TE35-GEL  | 180                                  | 210        | 220         | 1.32        | 6 VOLT  | 5**           | 9-5/8 (244)                         | 7-1/2 (190)   | 10-7/8 (276)        | 69 (31)          |
| 8D  | 8D-GEL    | 188                                  | 225        | 265         | 3.18        | 12 VOLT | 5             | 21-1/16 (534)                       | 11 (279)      | 10-13/16 (233)      | 157 (71)         |

\* Polyon™ Case



A. The amount of amp-hours (AH) a battery can deliver when discharged at a constant rate at 80°F (27°C) for Flooded and 77°F (25°C) for VRLA batteries and maintain a voltage above 1.75 V/cell. Capacities are based on nominal performance.

B. Dimensions are based on nominal size. 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.

\*\* Additional Terminals Available

# RENEWABLE ENERGY PRODUCT SPECIFICATION GUIDE

## Terminal Configurations



**1 ELPT**  
Embedded  
Low Profile  
Terminal



**2 EHPT**  
Embedded  
High Profile  
Terminal



**3 EAPT**  
Embedded  
Automotive  
Post Terminal



**4 EUT**  
Embedded  
Universal  
Terminal



**5 LT**  
L-Terminal



**6 DT**  
Automotive  
Post & Stud  
Terminal



**7 UT**  
Universal  
Terminal



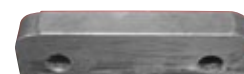
**8 AP**  
Automotive  
Post Terminal



**9 WNT**  
Wingnut  
Terminal



**13 IT**  
Insert  
Terminal



**14 IND**  
Ind  
Terminal

### Trojan - Reputation Built on Quality, Leadership and Innovation

Trojan Battery Company is the world's leading manufacturer of deep-cycle batteries. From deep-cycle flooded batteries to deep-cycle AGM and gel batteries, Trojan has shaped the world of deep-cycle battery technology with over 85 years of battery manufacturing experience. Trojan's leadership and innovation prevails today in the global, deep-cycle markets spanning applications for golf, renewable energy, transportation, floor machines, aerial work platforms, marine and recreational vehicles. Trojan batteries are available worldwide through our global network of master distributors. Headquartered in Santa Fe Springs, Calif., Trojan's operations include ISO 9001:2008 certified manufacturing plants in California and Georgia and international offices located in Europe, UAE and Asia.

### Trojan Research and Development

As the leading manufacturer of deep-cycle flooded batteries, Trojan retains two state-of-the-art research and development centers dedicated exclusively to battery technology and innovation. Engineering teams, backed by over 200 years of deep-cycle development expertise, innovate and bring to market advanced battery technologies that exceed customer expectations for outstanding battery performance. To ensure the quality and superior performance of our batteries, Trojan applies the industry's most rigorous testing procedures, which adhere to both BCI and IEC test standards, to assess cycle life, capacity, charger algorithms and both physical and mechanical integrity.

### Trojan Technical Support and Training

Trojan's expertise as the world's leading manufacturer of deep-cycle batteries provides us with a unique knowledge and understanding of battery technology for a variety of applications. We apply this expertise in our outstanding technical support. Trojan's experienced engineers are available to assist with in-depth understanding of battery technologies and system specifications to help identify the battery technology that best fits your application.

**The battery specifications provide details on battery type, capacity, energy rate, terminal type, dimensions and weight to ensure selection of the proper battery model. For more information on choosing the proper battery for your system type, please visit [www.trojanbatteryRE.com/Tech\\_Support/Before\\_Getting\\_Started.html](http://www.trojanbatteryRE.com/Tech_Support/Before_Getting_Started.html)**



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