

## BATTERY SPECIFICATIONS

### HIGH PERFORMANCE FACTORY ACTIVATED MAINTENANCE FREE

| Type         | Voltage (V) | Capacity at 10HR (Ah) | CCA @ 0° F (-18° C) | Apprx. Weight w/o Acid (Lbs.) | Acid Volume (Oz.) | Regular Charge Current (Ah) | Terminal Type (See Page 6) | Dimensions in Inches (+/- 1/16 In.) |        |        | Dimensions In Millimeters (+/- 2 mm.) |       |        | Assembly Figure (per cover polarity) |
|--------------|-------------|-----------------------|---------------------|-------------------------------|-------------------|-----------------------------|----------------------------|-------------------------------------|--------|--------|---------------------------------------|-------|--------|--------------------------------------|
|              |             |                       |                     |                               |                   |                             |                            | Length                              | Width  | Height | Length                                | Width | Height |                                      |
| PTX20HLBS-FS | 12          | 20                    | 310                 | 13.1                          | —                 | 1.8                         | 4                          | 6 7/8                               | 3 7/16 | 6 1/8  | 175                                   | 87    | 155    | [- +]                                |
| PIX30HLBS-FS | 12          | 30                    | 385                 | 19.1                          | —                 | 2.8                         | 5                          | 6 9/16                              | 5      | 6 7/8  | 166                                   | 126   | 175    | [- +]                                |

### FACTORY ACTIVATED MAINTENANCE FREE

| Type          | Voltage (V) | Capacity at 10HR (Ah) | CCA @ 0° F (-18° C) | Apprx. Weight w/o Acid (Lbs.) | Acid Volume (Oz.) | Regular Charge Current (Ah) | Terminal Type (See Page 6) | Dimensions in Inches (+/- 1/16 In.) |         |         | Dimensions In Millimeters (+/- 2 mm.) |       |        | Assembly Figure (per cover polarity) |
|---------------|-------------|-----------------------|---------------------|-------------------------------|-------------------|-----------------------------|----------------------------|-------------------------------------|---------|---------|---------------------------------------|-------|--------|--------------------------------------|
|               |             |                       |                     |                               |                   |                             |                            | Length                              | Width   | Height  | Length                                | Width | Height |                                      |
| PTX4LBS-FS    | 12          | 3                     | 35                  | 3.4                           | —                 | 0.4                         | 5                          | 4 1/2                               | 2 13/16 | 3 3/8   | 114                                   | 71    | 86     | [- +]                                |
| PTX5LBS-FS    | 12          | 4                     | 60                  | 4.1                           | —                 | 0.5                         | 5                          | 4 1/2                               | 2 13/16 | 4 3/16  | 114                                   | 71    | 106    | [- +]                                |
| PTZ5S         | 12          | 4                     | 40                  | 3.7                           | —                 | 0.3                         | 5                          | 4 7/16                              | 3 1/3   | 3 1/3   | 113                                   | 70    | 85     | [- +]                                |
| PT6B-3        | 12          | 5                     | 75                  | 5.1                           | —                 | 0.3                         | 11                         | 4 7/16                              | 2 3/4   | 4 5/8   | 113                                   | 70    | 117    | [- +]                                |
| PT7B-4        | 12          | 6                     | 85                  | 5.7                           | —                 | 0.6                         | 11                         | 6                                   | 2 9/16  | 3 11/16 | 150                                   | 65    | 93     | [- +]                                |
| PTX7ABS-FS    | 12          | 6                     | 85                  | 5.6                           | —                 | 0.7                         | 5                          | 6                                   | 3 7/16  | 3 3/4   | 150                                   | 87    | 94     | [- +]                                |
| PTX7LBS-FS    | 12          | 6                     | 85                  | 5.8                           | —                 | 0.6                         | 5                          | 4 1/2                               | 2 13/16 | 5 3/16  | 114                                   | 71    | 131    | [- +]                                |
| PTZ7S         | 12          | 6                     | 85                  | 5.2                           | —                 | 0.6                         | 5                          | 4 7/16                              | 2 3/4   | 4 1/8   | 113                                   | 70    | 105    | [- +]                                |
| PT9B-4        | 12          | 8                     | 100                 | 6.8                           | —                 | 0.8                         | 11                         | 6                                   | 2 3/4   | 4 1/8   | 150                                   | 70    | 105    | [- +]                                |
| PTX9BS-FS     | 12          | 8                     | 120                 | 6.2                           | —                 | 0.9                         | 5                          | 6                                   | 3 7/16  | 4 3/16  | 150                                   | 87    | 105    | [- +]                                |
| PTZ10S        | 12          | 8.5                   | 130                 | 6.8                           | —                 | 0.9                         | 11                         | 6                                   | 3 7/16  | 3 11/16 | 150                                   | 87    | 93     | [- +]                                |
| PT12B-4       | 12          | 10.5                  | 115                 | 8.3                           | —                 | 1.0                         | 11                         | 6                                   | 2 3/4   | 5 1/8   | 150                                   | 69    | 130    | [- +]                                |
| PTX12ABS-FS   | 12          | 10                    | 140                 | 7.1                           | —                 | 1.0                         | 11                         | 6                                   | 3 7/16  | 4 3/16  | 150                                   | 87    | 105    | [- +]                                |
| PTX12BS-FS    | 12          | 10                    | 180                 | 9.7                           | —                 | 1.2                         | 5                          | 6                                   | 3 7/16  | 5 1/8   | 150                                   | 87    | 130    | [- +]                                |
| PTZ12S        | 12          | 11                    | 140                 | 8.1                           | —                 | 1.1                         | 11                         | 6                                   | 3 7/16  | 4 3/8   | 150                                   | 87    | 110    | [- +]                                |
| PT14B-4       | 12          | 12.5                  | 135                 | 9.4                           | —                 | 1.2                         | 11                         | 6                                   | 2 3/4   | 5 3/4   | 150                                   | 70    | 145    | [- +]                                |
| PTX14BS-FS    | 12          | 12                    | 200                 | 10.3                          | —                 | 1.4                         | 5                          | 6                                   | 3 7/16  | 5 3/4   | 150                                   | 87    | 145    | [- +]                                |
| PTX14AHBS-FS  | 12          | 12                    | 200                 | 9.5                           | —                 | 1.4                         | 4                          | 5 5/16                              | 3 9/16  | 6 3/8   | 135                                   | 90    | 161    | [- +]                                |
| PTX14AHLBS-FS | 12          | 12                    | 200                 | 9.5                           | —                 | 1.4                         | 4                          | 5 5/16                              | 3 9/16  | 6 3/8   | 135                                   | 90    | 161    | [- +]                                |
| PTX14LBS-FS   | 12          | 12                    | 200                 | 10.3                          | —                 | 1.4                         | 5                          | 6                                   | 3 7/16  | 5 3/4   | 150                                   | 87    | 145    | [- +]                                |
| PTZ14S        | 12          | 11.2                  | 145                 | 8.6                           | —                 | 1.1                         | 11                         | 6                                   | 3 7/16  | 4 3/8   | 150                                   | 87    | 110    | [- +]                                |
| PTX15LBS-FS   | 12          | 13                    | 160                 | 10.3                          | —                 | 1.3                         | 4                          | 6 7/8                               | 3 7/16  | 5 1/8   | 175                                   | 87    | 130    | [- +]                                |
| PTX19BS-FS    | 12          | 19                    | 270                 | 14.3                          | —                 | 1.9                         | 6                          | 6 7/8                               | 4       | 6 1/8   | 175                                   | 101   | 157    | [- +]                                |
| PTX19LBS-FS   | 12          | 19                    | 270                 | 14.3                          | —                 | 1.9                         | 6                          | 6 7/8                               | 4       | 6 1/8   | 175                                   | 101   | 157    | [- +]                                |
| PTX19CLB-FS   | 12          | 19                    | 270                 | 14.5                          | —                 | 1.9                         | 5                          | 6 7/8                               | 4       | 6 7/8   | 175                                   | 101   | 175    | [- +]                                |
| PTX20BS-FS    | 12          | 18                    | 250                 | 13.1                          | —                 | 1.8                         | 4                          | 6 7/8                               | 3 7/16  | 6 1/8   | 175                                   | 87    | 155    | [- +]                                |
| PTX20LBS-FS   | 12          | 18                    | 250                 | 13.1                          | —                 | 1.8                         | 4                          | 6 7/8                               | 3 7/16  | 6 1/8   | 175                                   | 87    | 155    | [- +]                                |
| PIX30LBS-FS   | 12          | 28                    | 320                 | 19.1                          | —                 | 2.8                         | 5                          | 6 9/16                              | 5       | 6 7/8   | 166                                   | 126   | 175    | [- +]                                |
| PIX30CLBS-FS  | 12          | 28                    | 320                 | 19.6                          | —                 | 2.8                         | 5                          | 6 9/16                              | 5       | 7 5/8   | 166                                   | 126   | 194    | [- +]                                |
| PIX50LBS-FS   | 12          | 21                    | 280                 | 15.7                          | —                 | 2.1                         | 4                          | 8 1/8                               | 3 7/16  | 6 7/8   | 205                                   | 86    | 161    | [- +]                                |
| 51913-FS*     | 12          | 19.5                  | 190                 | 14.9                          | —                 | 1.95                        | 10                         | 7 7/16                              | 3 1/4   | 6 7/8   | 186                                   | 82    | 171    | [- +]                                |
| P11U1LD-FS    | 12          | 32                    | 320                 | 21.2                          | —                 | 3.2                         | 14                         | 7 3/4                               | 5 1/4   | 7 7/16  | 196                                   | 131   | 186    | [- +]                                |

\*Maintenance Free Gel Technology

Due to the self-discharge characteristics of this type of battery, it is imperative that they be charged within 6 months of storage, otherwise permanent loss of capacity might occur as a result of sulfation. To prolong shelf life without charging, store batteries at 50°F (10°C) or less.

### SEALED MAINTENANCE FREE

| Type        | Voltage (V) | Capacity at 10HR (Ah) | CCA @ 0° F (-18° C) | Apprx. Weight w/o Acid (Lbs.) | Acid Volume (Oz.) | Regular Charge Current (Ah) | Terminal Type (See Page 6) | Dimensions in Inches (+/- 1/16 In.) |         |        | Dimensions In Millimeters (+/- 2 mm.) |       |        | Assembly Figure (per cover polarity) |
|-------------|-------------|-----------------------|---------------------|-------------------------------|-------------------|-----------------------------|----------------------------|-------------------------------------|---------|--------|---------------------------------------|-------|--------|--------------------------------------|
|             |             |                       |                     |                               |                   |                             |                            | Length                              | Width   | Height | Length                                | Width | Height |                                      |
| PTR4A-BS    | 12          | 2.3                   | 25                  | 2.0                           | 4.7               | 0.3                         | 12                         | 4 1/2                               | 1 15/16 | 3 3/8  | 114                                   | 49    | 86     | [- +]                                |
| PTX4B-BS    | 12          | 2.3                   | 30                  | 2.1                           | 4.1               | 0.3                         | 13                         | 4 1/2                               | 1 9/16  | 3 7/16 | 114                                   | 39    | 86.5   | [- +]                                |
| PTX4L-BS    | 12          | 3                     | 40                  | 2.9                           | 6.1               | 0.4                         | 5                          | 4 1/2                               | 2 13/16 | 3 3/8  | 114                                   | 71    | 86     | [- +]                                |
| PTX5L-BS    | 12          | 4                     | 60                  | 3.5                           | 8.1               | 0.5                         | 5                          | 4 1/2                               | 2 13/16 | 4 3/16 | 114                                   | 71    | 106    | [- +]                                |
| PT6.5L-BS   | 12          | 6.5                   | 60                  | 3.8                           | 12.8              | 0.65                        | 5                          | 5 1/2                               | 2 5/8   | 4      | 139                                   | 66    | 102    | [- +]                                |
| PTX7A-BS    | 12          | 6                     | 85                  | 4.2                           | 11.2              | 0.7                         | 5                          | 6                                   | 3 7/16  | 3 3/4  | 150                                   | 87    | 94     | [- +]                                |
| PTX7L-BS    | 12          | 6                     | 85                  | 4.3                           | 11.2              | 0.6                         | 5                          | 4 1/2                               | 2 13/16 | 5 3/16 | 114                                   | 71    | 131    | [- +]                                |
| PT9A-BS     | 12          | 9                     | 90                  | 6.4                           | 18.9              | 0.9                         | 6                          | 5 5/16                              | 3       | 5 1/2  | 135                                   | 76    | 140    | [- +]                                |
| PTR9-BS     | 12          | 8                     | 120                 | 5.4                           | 13.5              | 0.9                         | 11                         | 6                                   | 3 7/16  | 4 3/16 | 150                                   | 87    | 105    | [- +]                                |
| PTX9-BS     | 12          | 8                     | 120                 | 5.4                           | 13.5              | 0.9                         | 5                          | 6                                   | 3 7/16  | 4 3/16 | 150                                   | 87    | 105    | [- +]                                |
| PTX12-BS    | 12          | 10                    | 180                 | 7.5                           | 20.3              | 1.2                         | 5                          | 6                                   | 3 7/16  | 5 1/8  | 150                                   | 87    | 130    | [- +]                                |
| PTX12A-BS   | 12          | 10                    | 140                 | 6.3                           | 15.9              | 1.0                         | 11                         | 6                                   | 3 7/16  | 4 3/16 | 150                                   | 87    | 105    | [- +]                                |
| PTX14-BS    | 12          | 12                    | 200                 | 8.1                           | 23.3              | 1.4                         | 5                          | 6                                   | 3 7/16  | 5 3/4  | 150                                   | 87    | 145    | [- +]                                |
| PTX14AH-BS  | 12          | 12                    | 200                 | 7.3                           | 22.3              | 1.4                         | 4                          | 5 5/16                              | 3 9/16  | 6 3/8  | 135                                   | 90    | 161    | [- +]                                |
| PTX14AHL-BS | 12          | 12                    | 200                 | 7.3                           | 22.3              | 1.4                         | 4                          | 5 5/16                              | 3 9/16  | 6 3/8  | 135                                   | 90    | 161    | [- +]                                |
| PTX14L-BS   | 12          | 12                    | 200                 | 8.1                           | 23.3              | 1.4                         | 5                          | 6                                   | 3 7/16  | 5 3/4  | 150                                   | 87    | 145    | [- +]                                |
| PTX15L-BS   | 12          | 13                    | 180                 | 8.8                           | 23.3              | 1.3                         | 4                          | 6 7/8                               | 3 7/16  | 5 1/8  | 175                                   | 87    | 130    | [- +]                                |
| PTX16-BS    | 12          | 14                    | 220                 | 10.3                          | 26.4              | 1.4                         | 4                          | 6                                   | 3 7/16  | 6 3/8  | 150                                   | 87    | 161    | [- +]                                |
| PTX16-BS-1  | 12          | 14                    | 220                 | 10.3                          | 26.4              | 1.4                         | 1                          | 6                                   | 3 7/16  | 6 3/8  | 150                                   | 87    | 161    | [- +]                                |
| PTX18L-BS   | 12          | 18                    | 250                 | 11.9                          | 33.5              | 2.1                         | 4                          | 8 1/8                               | 3 7/16  | 6 3/8  | 205                                   | 86    | 161    | [- +]                                |
| PTX19-BS    | 12          | 19                    | 270                 | 10.9                          | 32.5              | 1.9                         | 6                          | 6 7/8                               | 4       | 6 1/8  | 175                                   | 101   | 157    | [- +]                                |
| PTX19L-BS   | 12          | 19                    | 270                 | 10.9                          | 32.5              | 1.9                         | 6                          | 6 7/8                               | 4       | 6 1/8  | 175                                   | 101   | 157    | [- +]                                |
| PTX19CL-BS  | 12          | 19                    | 270                 | 11.1                          | 32.5              | 1.9                         | 5                          | 6 7/8                               | 4       | 6 7/8  | 175                                   | 101   | 175    | [- +]                                |
| PTX20CH-BS  | 12          | 18                    | 210                 | 11.4                          | 27.7              | 1.8                         | 4                          | 6                                   | 3 7/16  | 6 3/8  | 150                                   | 87    | 161    | [- +]                                |
| PTX20-BS    | 12          | 18                    | 250                 | 10.1                          | 31.4              | 1.8                         | 4                          | 6 7/8                               | 3 7/16  | 6 1/8  | 175                                   | 87    | 155    | [- +]                                |
| PTX20L-BS   | 12          | 18                    | 250                 | 10.1                          | 31.4              | 1.8                         | 4                          | 6 7/8                               | 3 7/16  | 6 1/8  | 175                                   | 87    | 155    | [- +]                                |
| PIX30L-BS   | 12          | 28                    | 320                 | 13.2                          | 55.5              | 2.8                         | 5                          | 6 9/16                              | 5       | 6 7/8  | 166                                   | 126   | 175    | [- +]                                |
| PIX30CL-BS  | 12          | 28                    | 320                 | 13.4                          | 55.5              | 2.8                         | 5                          | 6 9/16                              | 5       | 7 5/8  | 166                                   | 126   | 194    | [- +]                                |
| PIX50-BS    | 12          | 21                    | 280                 | 12.0                          | 33.5              | 2.1                         | 4                          | 8 1/8                               | 3 7/16  | 6 7/8  | 205                                   | 86    | 161    | [- +]                                |
| PIX50L-BS   | 12          | 21                    | 280                 | 12.0                          | 33.5              | 2.1                         | 4                          | 8 1/8                               | 3 7/16  | 6 7/8  | 205                                   | 86    | 161    | [- +]                                |



# POWERPAC<sup>®</sup> Super Sport Series

## BATTERY SPECIFICATIONS

### LOW MAINTENANCE

| Type          | Voltage<br>(V) | Capacity<br>at 10HR<br>(Ah) | CCA @<br>0° F<br>(-18° C) | Apprx.<br>Weight<br>w/o Acid<br>(Lbs.) | Acid<br>Volume<br>(Oz.) | Regular<br>Charge<br>Current<br>(Ah) | Terminal<br>Type<br>(See<br>Page 6) | Dimensions in Inches<br>(+/- 1/16 In.) |        | Dimensions In<br>Height | Millimeters<br>(+/- 2 mm.) |       |        | Assembly<br>Figure<br>(per cover<br>polarity) |
|---------------|----------------|-----------------------------|---------------------------|----------------------------------------|-------------------------|--------------------------------------|-------------------------------------|----------------------------------------|--------|-------------------------|----------------------------|-------|--------|-----------------------------------------------|
|               |                |                             |                           |                                        |                         |                                      |                                     | Length                                 | Width  |                         | Length                     | Width | Height |                                               |
| CB16-B-LM     | 12             | 19                          | 240                       | 10.5                                   | 40.6                    | 1.9                                  | 6                                   | 6 7/8                                  | 4      | 6 1/8                   | 175                        | 100   | 155    |                                               |
| CB16HL-A-LM   | 12             | 19                          | 240                       | 10.5                                   | 40.6                    | 1.9                                  | 6                                   | 6 7/8                                  | 4      | 6 1/8                   | 175                        | 100   | 155    |                                               |
| C50-N18L-A-LM | 12             | 20                          | 260                       | 11.2                                   | 47.3                    | 2.0                                  | 7                                   | 8 1/8                                  | 3 9/16 | 6 7/8                   | 205                        | 90    | 162    |                                               |

### HIGH PERFORMANCE

| Type          | Voltage<br>(V) | Capacity<br>at 10HR<br>(Ah) | CCA @<br>0° F<br>(-18° C) | Apprx.<br>Weight<br>w/o Acid<br>(Lbs.) | Acid<br>Volume<br>(Oz.) | Regular<br>Charge<br>Current<br>(Ah) | Terminal<br>Type<br>(See<br>Page 6) | Dimensions in Inches<br>(+/- 1/16 In.) |         | Dimensions In<br>Height | Millimeters<br>(+/- 2 mm.) |       |        | Assembly<br>Figure<br>(per cover<br>polarity) |
|---------------|----------------|-----------------------------|---------------------------|----------------------------------------|-------------------------|--------------------------------------|-------------------------------------|----------------------------------------|---------|-------------------------|----------------------------|-------|--------|-----------------------------------------------|
|               |                |                             |                           |                                        |                         |                                      |                                     | Length                                 | Width   |                         | Length                     | Width | Height |                                               |
| CB2.5L-C      | 12             | 2.5                         | 25                        | 1.7                                    | 8.1                     | 0.3                                  | —                                   | 3 3/16                                 | 2 3/4   | 4 1/8                   | 80                         | 70    | 105    |                                               |
| CB2.5L-C-1    | 12             | 2.5                         | 25                        | 1.7                                    | 8.1                     | 0.3                                  | —                                   | 3 3/16                                 | 2 3/4   | 4 1/8                   | 80                         | 70    | 105    |                                               |
| CB3L-A        | 12             | 3                           | 32                        | 2.5                                    | 8.1                     | 0.3                                  | 6                                   | 3 7/8                                  | 2 1/4   | 4 3/8                   | 98                         | 56    | 110    |                                               |
| CB3L-B        | 12             | 3                           | 32                        | 2.5                                    | 8.1                     | 0.3                                  | 6                                   | 3 7/8                                  | 2 1/4   | 4 3/8                   | 98                         | 56    | 110    |                                               |
| CB4L-A        | 12             | 4                           | 50                        | 2.8                                    | 10.1                    | 0.4                                  | 5                                   | 4 3/4                                  | 2 3/4   | 3 5/8                   | 120                        | 70    | 92     |                                               |
| CB4L-B        | 12             | 4                           | 50                        | 2.8                                    | 10.1                    | 0.4                                  | 5                                   | 4 3/4                                  | 2 3/4   | 3 5/8                   | 120                        | 70    | 92     |                                               |
| CB5L-B        | 12             | 5                           | 55                        | 3.5                                    | 12.2                    | 0.5                                  | 6                                   | 4 3/4                                  | 2 3/8   | 5 1/8                   | 120                        | 60    | 130    |                                               |
| CB7-A         | 12             | 8                           | 90                        | 5.1                                    | 20.3                    | 0.8                                  | 6                                   | 5 5/16                                 | 3       | 5 1/4                   | 135                        | 75    | 133    |                                               |
| CB7C-A        | 12             | 7                           | 80                        | 5.1                                    | 20.3                    | 0.8                                  | 3                                   | 5 1/8                                  | 3 9/16  | 4 1/2                   | 130                        | 90    | 114    |                                               |
| CB7L-B        | 12             | 8                           | 90                        | 5.1                                    | 20.3                    | 0.8                                  | 3                                   | 5 5/16                                 | 3       | 5 1/4                   | 135                        | 75    | 133    |                                               |
| CB9-B         | 12             | 9                           | 130                       | 5.3                                    | 20.3                    | 0.9                                  | 6                                   | 5 5/16                                 | 3       | 5 1/2                   | 135                        | 75    | 139    |                                               |
| CB9A-A        | 12             | 9                           | 130                       | 5.3                                    | 20.3                    | 0.9                                  | 6                                   | 5 5/16                                 | 3       | 6 1/8                   | 135                        | 75    | 155    |                                               |
| CB9L-A2       | 12             | 9                           | 130                       | 5.3                                    | 20.3                    | 0.9                                  | 2                                   | 5 5/16                                 | 3       | 5 1/2                   | 135                        | 75    | 139    |                                               |
| CB9L-B        | 12             | 9                           | 130                       | 5.3                                    | 20.3                    | 0.9                                  | 6                                   | 5 5/16                                 | 3       | 5 1/2                   | 135                        | 75    | 139    |                                               |
| CB10A-A2      | 12             | 11                          | 160                       | 7.0                                    | 27.0                    | 1.1                                  | 8                                   | 5 5/16                                 | 3 9/16  | 6 1/8                   | 135                        | 90    | 155    |                                               |
| CB10L-A2      | 12             | 11                          | 160                       | 7.0                                    | 27.0                    | 1.1                                  | 8                                   | 5 5/16                                 | 3 9/16  | 5 3/4                   | 135                        | 90    | 145    |                                               |
| CB10L-B       | 12             | 11                          | 160                       | 7.0                                    | 27.0                    | 1.1                                  | 6                                   | 5 5/16                                 | 3 9/16  | 5 3/4                   | 135                        | 90    | 145    |                                               |
| CB10L-B2      | 12             | 11                          | 160                       | 7.0                                    | 27.0                    | 1.1                                  | 8                                   | 5 5/16                                 | 3 9/16  | 5 3/4                   | 135                        | 90    | 145    |                                               |
| CB12A-A†      | 12             | 12                          | 165                       | 6.8                                    | 27.0                    | 1.2                                  | 6                                   | 5 5/16                                 | 3 3/16  | 6 5/16                  | 134                        | 80    | 160    |                                               |
| CB12AL-A      | 12             | 12                          | 165                       | 6.8                                    | 25.4                    | 1.2                                  | 6                                   | 5 5/16                                 | 3 3/16  | 5 5/16                  | 134                        | 80    | 160    |                                               |
| CB12AL-A2     | 12             | 12                          | 165                       | 6.8                                    | 25.4                    | 1.2                                  | 8                                   | 5 5/16                                 | 3 3/16  | 6 5/16                  | 134                        | 80    | 160    |                                               |
| CB12A-B       | 12             | 12                          | 165                       | 6.8                                    | 25.4                    | 1.2                                  | 6                                   | 5 5/16                                 | 3 3/16  | 6 5/16                  | 134                        | 80    | 160    |                                               |
| CB12B-B2      | 12             | 13                          | 165                       | 7.1                                    | 27.0                    | 1.2                                  | 8                                   | 6 5/16                                 | 3 9/16  | 5 1/8                   | 160                        | 90    | 130    |                                               |
| CB12C-A       | 12             | 13                          | 165                       | 7.1                                    | 27.0                    | 1.2                                  | 4                                   | 5 5/16                                 | 3 3/16  | 6 7/8                   | 134                        | 80    | 175    |                                               |
| CB14-A2       | 12             | 14                          | 190                       | 7.6                                    | 30.4                    | 1.4                                  | 8                                   | 5 5/16                                 | 3 1/2   | 6 9/16                  | 134                        | 89    | 166    |                                               |
| CB14A-A       | 12             | 14                          | 190                       | 7.9                                    | 30.4                    | 1.4                                  | 6                                   | 5 5/16                                 | 3 1/2   | 6 15/16                 | 134                        | 89    | 176    |                                               |
| CB14A-A2      | 12             | 14                          | 190                       | 7.9                                    | 30.4                    | 1.4                                  | 8                                   | 5 5/16                                 | 3 1/2   | 6 15/16                 | 134                        | 89    | 176    |                                               |
| CB14-B2       | 12             | 14                          | 190                       | 7.6                                    | 30.4                    | 1.4                                  | 8                                   | 5 5/16                                 | 3 1/2   | 6 9/16                  | 134                        | 89    | 166    |                                               |
| CB14L-A1      | 12             | 14                          | 190                       | 7.6                                    | 30.4                    | 1.4                                  | 1                                   | 5 5/16                                 | 3 1/2   | 6 9/16                  | 134                        | 89    | 166    |                                               |
| CB14L-A2      | 12             | 14                          | 190                       | 7.6                                    | 30.4                    | 1.4                                  | 8                                   | 5 5/16                                 | 3 1/2   | 6 9/16                  | 134                        | 89    | 166    |                                               |
| CB14L-B2      | 12             | 14                          | 190                       | 7.6                                    | 30.4                    | 1.4                                  | 8                                   | 5 5/16                                 | 3 1/2   | 6 9/16                  | 134                        | 89    | 166    |                                               |
| SCB14L-A2•    | 12             | 14                          | 190                       | 7.6                                    | 30.4                    | 1.4                                  | 8                                   | 5 5/16                                 | 3 1/2   | 6 9/16                  | 134                        | 89    | 166    |                                               |
| SCB14L-B2•    | 12             | 14                          | 190                       | 7.6                                    | 30.4                    | 1.4                                  | 8                                   | 5 5/16                                 | 3 1/2   | 6 9/16                  | 134                        | 89    | 166    |                                               |
| CB16-B        | 12             | 19                          | 240                       | 10.5                                   | 40.6                    | 1.9                                  | 6                                   | 6 7/8                                  | 4       | 6 1/8                   | 175                        | 100   | 155    |                                               |
| CB16B-A       | 12             | 16                          | 175                       | 8.4                                    | 33.8                    | 1.6                                  | 4                                   | 6 5/16                                 | 3 9/16  | 6 3/8                   | 160                        | 90    | 161    |                                               |
| CB16B-A1      | 12             | 16                          | 175                       | 8.4                                    | 33.8                    | 1.6                                  | 7                                   | 6 5/16                                 | 3 9/16  | 6 3/8                   | 160                        | 90    | 161    |                                               |
| CB16AL-A2     | 12             | 16                          | 175                       | 8.6                                    | 37.2                    | 1.6                                  | 2                                   | 8 1/8                                  | 2 13/16 | 6 7/16                  | 207                        | 71.5  | 164    |                                               |
| CB16CL-B      | 12             | 19                          | 240                       | 10.1                                   | 40.6                    | 1.9                                  | 5                                   | 6 7/8                                  | 4       | 6 7/8                   | 175                        | 100   | 175    |                                               |
| CB16L-B†      | 12             | 19                          | 240                       | 10.5                                   | 40.6                    | 1.9                                  | 6                                   | 6 7/8                                  | 4       | 6 1/8                   | 175                        | 100   | 155    |                                               |
| HCB16A-AB     | 12             | 16                          | 150                       | 8.5                                    | 30.4                    | 1.6                                  | 7                                   | 6                                      | 3 5/8   | 7 1/16                  | 151                        | 91    | 180    |                                               |
| CB18-A        | 12             | 18                          | 235                       | 9.4                                    | 40.6                    | 1.8                                  | 7                                   | 7 1/8                                  | 3 9/16  | 6 3/8                   | 180                        | 90    | 162    |                                               |
| CB18L-A       | 12             | 18                          | 235                       | 9.4                                    | 40.6                    | 1.8                                  | 7                                   | 7 1/8                                  | 3 9/16  | 6 3/8                   | 180                        | 90    | 162    |                                               |
| C50-N18A-A    | 12             | 20                          | 260                       | 11.2                                   | 50.7                    | 2.0                                  | 7                                   | 8 1/8                                  | 3 9/16  | 6 15/16                 | 205                        | 90    | 176    |                                               |
| C50-N18L-A3   | 12             | 20                          | 260                       | 11.2                                   | 47.3                    | 2.0                                  | 4                                   | 8 1/8                                  | 3 9/16  | 6 3/8                   | 205                        | 90    | 162    |                                               |
| SC50-N18L-AT• | 12             | 20                          | 260                       | 11.2                                   | 47.3                    | 2.0                                  | 7                                   | 8 1/8                                  | 3 9/16  | 6 3/8                   | 205                        | 90    | 162    |                                               |
| C60-N24-A     | 12             | 28                          | 280                       | 14.4                                   | 57.5                    | 2.8                                  | 3                                   | 7 1/4                                  | 4 7/8   | 6 7/8                   | 184                        | 124   | 175    |                                               |
| C60-N24L-A    | 12             | 28                          | 280                       | 14.4                                   | 57.5                    | 2.8                                  | 3                                   | 7 1/4                                  | 4 7/8   | 6 7/8                   | 184                        | 124   | 175    |                                               |
| C60-N24AL-B   | 12             | 28                          | 280                       | 14.4                                   | 57.5                    | 2.8                                  | 3                                   | 7 1/4                                  | 4 7/8   | 6 7/8                   | 184                        | 124   | 175    |                                               |
| CB30L-B       | 12             | 30                          | 300                       | 14.1                                   | 57.5                    | 3.0                                  | 4                                   | 6 5/8                                  | 5 3/16  | 6 15/16                 | 168                        | 132   | 176    |                                               |
| CB30CL-B      | 12             | 30                          | 300                       | 14.5                                   | 57.5                    | 3.0                                  | 4                                   | 6 5/8                                  | 5 3/16  | 7 9/16                  | 168                        | 132   | 192    |                                               |
| 51814         | 12             | 19*                         | 190                       | 9.4                                    | 33.8                    | 1.3                                  | 10                                  | 7 7/16                                 | 3 1/4   | 6 7/8                   | 186                        | 82    | 171    |                                               |
| 51913         | 12             | 19*                         | 190                       | 9.4                                    | 33.8                    | 1.9                                  | 10                                  | 7 7/16                                 | 3 1/4   | 6 7/8                   | 186                        | 82    | 171    |                                               |
| 53030         | 12             | 30*                         | 300                       | 16.1                                   | 54.1                    | 3.0                                  | 10                                  | 7 7/16                                 | 5 1/8   | 6 7/8                   | 186                        | 130   | 171    |                                               |

### CONVENTIONAL 6 VOLT

| Type         | Voltage<br>(V) | Capacity<br>at 10HR<br>(Ah) | CCA @<br>0° F<br>(-18° C) | Apprx.<br>Weight<br>w/o Acid<br>(Lbs.) | Acid<br>Volume<br>(Oz.) | Regular<br>Charge<br>Current<br>(Ah) | Terminal<br>Type<br>(See<br>Page 6) | Dimensions in Inches<br>(+/- 1/16 In.) |         | Dimensions In<br>Height | Millimeters<br>(+/- 2 mm.) |       |        | Assembly<br>Figure<br>(per cover<br>polarity) |
|--------------|----------------|-----------------------------|---------------------------|----------------------------------------|-------------------------|--------------------------------------|-------------------------------------|----------------------------------------|---------|-------------------------|----------------------------|-------|--------|-----------------------------------------------|
|              |                |                             |                           |                                        |                         |                                      |                                     | Length                                 | Width   |                         | Length                     | Width | Height |                                               |
| 6N2-2A       | 6              | 2                           | 16                        | 1.0                                    | 3.4                     | 0.2                                  | —                                   | 2 3/4                                  | 1 7/8   | 3 3/4                   | 70                         | 47    | 96     |                                               |
| 6N2-2A-1     | 6              | 2                           | 16                        | 1.0                                    | 3.4                     | 0.2                                  | —                                   | 2 3/4                                  | 1 7/8   | 3 3/4                   | 70                         | 47    | 96     |                                               |
| 6N2-2A-3     | 6              | 2                           | 16                        | 1.0                                    | 3.4                     | 0.2                                  | —                                   | 2 3/4                                  | 1 7/8   | 3 3/4                   | 70                         | 47    | 96     |                                               |
| 6N2-2A-4     | 6              | 2                           | 16                        | 1.0                                    | 3.4                     | 0.2                                  | —                                   | 2 3/4                                  | 1 7/8   | 3 3/4                   | 70                         | 47    | 96     |                                               |
| 6N2-2A-8     | 6              | 2                           | 16                        | 1.0                                    | 3.4                     | 0.2                                  | —                                   | 2 3/4                                  | 1 7/8   | 3 3/4                   | 70                         | 47    | 96     |                                               |
| 6N2A-2C      | 6              | 2                           | 16                        | 1.0                                    | 3.4                     | 0.2                                  | —                                   | 2 3/4                                  | 1 7/8   | 4 3/16                  | 70                         | 47    | 106    |                                               |
| 6N2A-2C-3    | 6              | 2                           | 16                        | 1.0                                    | 3.4                     | 0.2                                  | —                                   | 2 3/4                                  | 1 7/8   | 4 3/16                  | 70                         | 47    | 106    |                                               |
| 6N4-2A       | 6              | 4                           | 24                        | 1.3                                    | 6.8                     | 0.4                                  | —                                   | 2 13/16                                | 2 13/16 | 3 3/4                   | 71                         | 71    | 96     |                                               |
| 6N4-2A-2     | 6              | 4                           | 24                        | 1.3                                    | 6.8                     | 0.4                                  | —                                   | 2 13/16                                | 2 13/16 | 3 3/4                   | 71                         | 71    | 96     |                                               |
| 6N4-2A-3     | 6              | 4                           | 24                        | 1.3                                    | 6.8                     | 0.4                                  | —                                   | 2 13/16                                | 2 13/16 | 3 3/4                   | 71                         | 71    | 96     |                                               |
| 6N4-2A-4     | 6              | 4                           | 24                        | 1.3                                    | 6.8                     | 0.4                                  | —                                   | 2 13/16                                | 2 13/16 | 3 3/4                   | 71                         | 71    | 96     |                                               |
| 6N4-2A-5     | 6              | 4                           | 24                        | 1.3                                    | 6.8                     | 0.4                                  | —                                   | 2 13/16                                | 2 13/16 | 3 3/4                   | 71                         | 71    | 96     |                                               |
| 6N4-2A-8 (6) | 6              | 4                           | 24                        | 1.3                                    | 6.8                     | 0.4                                  | —                                   | 2 13/16                                | 2 13/16 | 3 3/4                   | 71                         | 71    | 96     |                                               |
| 6N4A-4D      | 6              | 4                           | 32                        | 1.7                                    | 6.8                     | 0.4                                  | —                                   | 2 3/8                                  | 2 1/4   | 5 1/8                   | 61                         | 57    | 131    |                                               |

† Sensor available for this battery.

• This battery includes a sensor.

\* @ 20 hr. rate.

## BATTERY SPECIFICATIONS

### CONVENTIONAL 6 VOLT (Continued)

| Type       | Voltage (V) | Capacity at 10HR (Ah) | CCA @ 0° F (-18° C) | Apprx. Weight w/o Acid (Lbs.) | Acid Volume (Oz.) | Regular Charge Current (Ah) | Terminal Type (See Page 6) | Dimensions in Inches (+/- 1/16 In.) |         |         | Dimensions in Millimeters (+/- 2 mm.) |       |        | Assembly Figure (per cover polarity) |
|------------|-------------|-----------------------|---------------------|-------------------------------|-------------------|-----------------------------|----------------------------|-------------------------------------|---------|---------|---------------------------------------|-------|--------|--------------------------------------|
|            |             |                       |                     |                               |                   |                             |                            | Length                              | Width   | Height  | Length                                | Width | Height |                                      |
| 6N4B-2A    | 6           | 4                     | 32                  | 1.7                           | 6.8               | 0.4                         | —                          | 4                                   | 1 7/8   | 3 3/4   | 102                                   | 48    | 96     |                                      |
| 6N4B-2A-3  | 6           | 4                     | 32                  | 1.7                           | 6.8               | 0.4                         | —                          | 4                                   | 1 7/8   | 3 3/4   | 102                                   | 48    | 96     |                                      |
| 6N4B-2A-5  | 6           | 4                     | 32                  | 1.7                           | 6.8               | 0.4                         | —                          | 4                                   | 1 7/8   | 3 3/4   | 102                                   | 48    | 96     |                                      |
| 6N4C-1B    | 6           | 4                     | 32                  | 1.7                           | 6.8               | 0.4                         | —                          | 2 13/16                             | 2 13/16 | 4 1/8   | 71                                    | 71    | 105    |                                      |
| 6N5.5-1D   | 6           | 5.5                   | 44                  | 1.8                           | 10.1              | 0.6                         | —                          | 3 9/16                              | 2 3/4   | 3 15/16 | 90                                    | 70    | 100    |                                      |
| 6N5.5-1D-1 | 6           | 5.5                   | 44                  | 1.8                           | 10.1              | 0.6                         | —                          | 3 9/16                              | 2 3/4   | 3 15/16 | 90                                    | 70    | 100    |                                      |
| 6N6-1B     | 6           | 6                     | 48                  | 2.0                           | 10.1              | 0.6                         | —                          | 3 7/8                               | 2 1/4   | 4 3/8   | 99                                    | 57    | 111    |                                      |
| 6N6-1D-2   | 6           | 6                     | 48                  | 2.0                           | 10.1              | 0.6                         | —                          | 3 7/8                               | 2 1/4   | 4 3/8   | 99                                    | 57    | 111    |                                      |
| 6N6-3B     | 6           | 6                     | 48                  | 2.0                           | 10.1              | 0.6                         | 6                          | 3 7/8                               | 2 1/4   | 4 3/8   | 99                                    | 57    | 111    |                                      |
| 6N6-3B-1   | 6           | 6                     | 48                  | 2.0                           | 10.1              | 0.6                         | 6                          | 3 7/8                               | 2 1/4   | 4 3/8   | 99                                    | 57    | 111    |                                      |
| 6CB8L-B    | 6           | 8                     | 64                  | 3.0                           | 10.5              | 0.8                         | 6                          | 4 3/4                               | 2 3/4   | 3 3/4   | 120                                   | 70    | 95     |                                      |
| 6N11-2D    | 6           | 11                    | 88                  | 3.5                           | 13.5              | 1.1                         | 6                          | 5 7/8                               | 2 3/4   | 3 15/16 | 150                                   | 70    | 100    |                                      |
| 6N11A-1B   | 6           | 11                    | 88                  | 3.5                           | 13.5              | 1.1                         | 6                          | 4 13/16                             | 2 7/16  | 5 1/8   | 122                                   | 62    | 131    |                                      |
| 6N12A-2D   | 6           | 12                    | 96                  | 3.8                           | 15.2              | 1.2                         | 6                          | 6 1/8                               | 2 1/4   | 4 9/16  | 156                                   | 57    | 116    |                                      |
| B38-6A     | 6           | 13                    | 104                 | 4.7                           | 21.0              | 1.3                         | 6                          | 4 11/16                             | 3 1/4   | 6 15/16 | 119                                   | 83    | 161    |                                      |
| B39-6      | 6           | 7                     | 60                  | 2.8                           | 10.1              | 0.7                         | 6                          | 4 15/16                             | 1 7/8   | 4 15/16 | 126                                   | 48    | 126    |                                      |
| B54-6      | 6           | 12                    | 96                  | 3.8                           | 16.9              | 1.2                         | 6                          | 6 1/8                               | 2 1/4   | 4 9/16  | 156                                   | 57    | 116    |                                      |

### CONVENTIONAL 12 VOLT

| Type           | Voltage (V) | Capacity at 10HR (Ah) | CCA @ 0° F (-18° C) | Apprx. Weight w/o Acid (Lbs.) | Acid Volume (Oz.) | Regular Charge Current (Ah) | Terminal Type (See Page 6) | Dimensions in Inches (+/- 1/16 In.) |        |         | Dimensions in Millimeters (+/- 2 mm.) |       |        | Assembly Figure (per cover polarity) |
|----------------|-------------|-----------------------|---------------------|-------------------------------|-------------------|-----------------------------|----------------------------|-------------------------------------|--------|---------|---------------------------------------|-------|--------|--------------------------------------|
|                |             |                       |                     |                               |                   |                             |                            | Length                              | Width  | Height  | Length                                | Width | Height |                                      |
| 12N5-3B        | 12          | 5                     | 40                  | 3.1                           | 13.5              | 0.5                         | 6                          | 4 3/4                               | 2 3/8  | 5 1/8   | 120                                   | 60    | 130    |                                      |
| 12N5-4B        | 12          | 5                     | 40                  | 3.1                           | 13.5              | 0.5                         | 6                          | 4 3/4                               | 2 3/8  | 5 1/8   | 120                                   | 60    | 130    |                                      |
| 12N5.5-3B      | 12          | 5.5                   | 55                  | 4.3                           | 13.5              | 0.6                         | 6                          | 5 5/16                              | 2 3/8  | 5 1/8   | 135                                   | 60    | 130    |                                      |
| 12N5.5-4A      | 12          | 5.5                   | 55                  | 4.3                           | 13.5              | 0.6                         | 2                          | 5 5/16                              | 2 3/8  | 5 1/8   | 135                                   | 60    | 130    |                                      |
| 12N5.5A-3B     | 12          | 5.5                   | 44                  | 4.3                           | 16.9              | 0.6                         | 6                          | 4 1/16                              | 3 9/16 | 4 1/2   | 103                                   | 90    | 114    |                                      |
| 12N7-4A        | 12          | 7                     | 74                  | 4.9                           | 16.9              | 0.7                         | 6                          | 5 5/16                              | 3      | 5 1/4   | 135                                   | 75    | 133    |                                      |
| 12N7-3B        | 12          | 7                     | 74                  | 4.9                           | 16.9              | 0.7                         | 6                          | 5 5/16                              | 3      | 5 1/4   | 135                                   | 75    | 133    |                                      |
| 12N7D-3B       | 12          | 7                     | 80                  | 4.9                           | 20.3              | 0.7                         | 6                          | 5 5/16                              | 3      | 5 15/16 | 135                                   | 75    | 150    |                                      |
| 12N7-4B        | 12          | 7                     | 74                  | 4.9                           | 16.9              | 0.7                         | 6                          | 5 5/16                              | 3      | 5 1/4   | 135                                   | 75    | 133    |                                      |
| 12N9-3A-1      | 12          | 9                     | 85                  | 5.4                           | 20.3              | 0.9                         | 6                          | 5 5/16                              | 3      | 5 1/2   | 135                                   | 75    | 139    |                                      |
| 12N9-3B        | 12          | 9                     | 85                  | 5.4                           | 20.3              | 0.9                         | 6                          | 5 5/16                              | 3      | 5 1/2   | 135                                   | 75    | 139    |                                      |
| 12N9-4B-1      | 12          | 9                     | 85                  | 5.4                           | 20.3              | 0.9                         | 6                          | 5 5/16                              | 3      | 5 1/2   | 135                                   | 75    | 139    |                                      |
| 12N10-3A       | 12          | 10                    | 95                  | 6.4                           | 27.0              | 1.0                         | 6                          | 5 5/16                              | 3 9/16 | 5 3/4   | 135                                   | 90    | 145    |                                      |
| 12N10-3A-1     | 12          | 10                    | 95                  | 6.4                           | 27.0              | 1.0                         | 6                          | 5 5/16                              | 3 9/16 | 5 3/4   | 135                                   | 90    | 145    |                                      |
| 12N11-3A-1     | 12          | 11                    | 103                 | 7.5                           | 27.0              | 1.1                         | 8                          | 5 5/16                              | 3 9/16 | 6 1/8   | 135                                   | 90    | 155    |                                      |
| 12N12A-4A-1    | 12          | 12                    | 113                 | 6.8                           | 23.7              | 1.2                         | 6                          | 5 5/16                              | 3 3/16 | 6 15/16 | 134                                   | 80    | 160    |                                      |
| 12N14-3A       | 12          | 14                    | 128                 | 7.5                           | 27.0              | 1.4                         | 8                          | 5 5/16                              | 3 1/2  | 6 9/16  | 134                                   | 89    | 166    |                                      |
| 12N24-3        | 12          | 24                    | 218                 | 12.1                          | 40.6              | 2.4                         | 3                          | 7 1/4                               | 4 7/8  | 6 7/8   | 184                                   | 124   | 175    |                                      |
| CHD4-12 (H-12) | 12          | 30*                   | 280                 | 13.3                          | 74.4              | 3.0                         | 9                          | 8 1/8                               | 5 1/4  | 6 1/2   | 206                                   | 133   | 165    |                                      |

### LAWN & GARDEN

| Type   | Voltage (V) | Capacity at 10HR (Ah) | CCA @ 0° F (-18° C) | Apprx. Weight w/o Acid (Lbs.) | Acid Volume (Oz.) | Regular Charge Current (Ah) | Terminal Type (See Page 6) | Dimensions in Inches (+/- 1/16 In.) |       |        | Dimensions in Millimeters (+/- 2 mm.) |       |        | Assembly Figure (per cover polarity) |
|--------|-------------|-----------------------|---------------------|-------------------------------|-------------------|-----------------------------|----------------------------|-------------------------------------|-------|--------|---------------------------------------|-------|--------|--------------------------------------|
|        |             |                       |                     |                               |                   |                             |                            | Length                              | Width | Height | Length                                | Width | Height |                                      |
| U1(9)  | 12          | 24                    | 220                 | 13.0                          | 60.9              | 2.4                         | 14                         | 7 3/4                               | 5 1/4 | 7 1/8  | 196                                   | 131   | 181    |                                      |
| U1R(9) | 12          | 24                    | 220                 | 13.0                          | 60.9              | 2.4                         | 14                         | 7 3/4                               | 5 1/4 | 7 1/8  | 196                                   | 131   | 181    |                                      |

\* @ 20 hr. rate

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