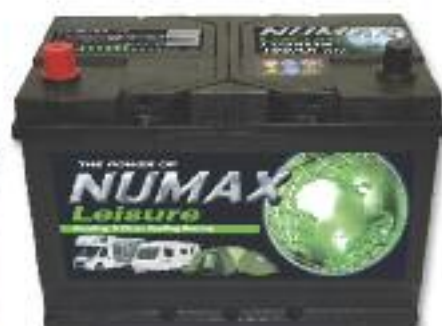


# NUMAX

**battery catalogue**







| Type                                     | Ah. Cap.<br>@20hr rate | E.N.<br>Cold start | Bench charge<br>AMPS | L (mm) | Dimensions<br>W (mm) | H (mm) | Weight<br>Kg | Layout | Terminals | Base<br>holdown | Notes |
|--|------------------------|--------------------|----------------------|--------|----------------------|--------|--------------|--------|-----------|-----------------|-------|
| Numax Premium Silver & HGV 12 volt range |                        |                    |                      |        |                      |        |              |        |           |                 |       |
| AM058L                                   | 60                     | 560                | 5                    | 242    | 175                  | 175    | 13.4         | 0      | 1         | B4              | 1,3   |
| AM058R                                   | 60                     | 560                | 5                    | 242    | 175                  | 175    | 13.4         | 1      | 1         | B4              | 1,3   |
| C31-1000                                 | 115                    | 1000               | 10                   | 330    | 171                  | 237    | 25.1         | 2      | 1         |                 |       |
| MX5                                      | 50                     | 500                | 5                    | 194    | 130                  | 180    | 18.0         | 0      | 1         |                 |       |
| 002L                                     | 40                     | 340                | 3                    | 175    | 175                  | 190    | 10.2         | 0      | 1         | B13             | 5     |
| 002R                                     | 40                     | 300                | 3                    | 175    | 175                  | 190    | 10.2         | 1      | 1         | B13             | 5     |
| 004L                                     | 50                     | 400                | 5                    | 200    | 170                  | 225    | 15.5         | 0      | 1         |                 |       |
| 004R                                     | 50                     | 400                | 5                    | 200    | 170                  | 225    | 15.5         | 1      | 1         |                 |       |
| 005L                                     | 60                     | 510                | 6                    | 230    | 170                  | 225    | 15.7         | 0      | 1         |                 | 1     |
| 005R                                     | 60                     | 510                | 6                    | 230    | 170                  | 225    | 15.7         | 1      | 1         |                 | 1     |
| 009L                                     | 55                     | 500                | 5                    | 226    | 170                  | 200    | 13.2         | 0      | 1         | B1              | 1     |
| 009R                                     | 55                     | 500                | 5                    | 226    | 170                  | 200    | 13.2         | 1      | 1         | B1              | 1     |
| 012                                      | 45                     | 400                | 5                    | 210    | 175                  | 190    | 11.7         | 0      | 1         | B13             | 1,7   |
| 012UR                                    | 52                     | 470                | 5                    | 210    | 175                  | 190    | 12.6         | 0      | 1         | B13             | 1,7   |
| 015                                      | 40                     | 340                | 4                    | 245    | 135                  | 200    | 11.5         | 1      | 1         | B9              | 2     |
| 017                                      | 90                     | 720                | 8                    | 354    | 175                  | 190    | 21.1         | 0      | 1         | B13             | 1,7   |
| 018                                      | 88                     | 750                | 8                    | 354    | 175                  | 190    | 21.1         | 1      | 1         | B13             | 1,7   |
| 019                                      | 95                     | 800                | 8                    | 354    | 175                  | 190    | 21.9         | 0      | 1         | B13             | 1,7   |
| 020                                      | 110                    | 920                | 10                   | 393    | 175                  | 190    | 25.2         | 0      | 1         | B13             | 1,7   |
| 027                                      | 60                     | 540                | 6                    | 243    | 175                  | 190    | 13.9         | 0      | 1         | B13             | 1,7   |
| 037                                      | 36                     | 320                | 4                    | 245    | 135                  | 200    | 10.5         | 0      | 19        | B9              | 2     |
| 038                                      | 36                     | 320                | 4                    | 245    | 135                  | 200    | 10.5         | 1      | 1         | B9              | 1,2   |
| 048H                                     | 45                     | 300                | 4                    | 218    | 133                  | 223    | 10.8         | 0      | 1         | B1              | 4     |
| 049H                                     | 45                     | 300                | 4                    | 218    | 133                  | 223    | 10.8         | 1      | 1         | B1              | 4     |
| 053                                      | 45                     | 330                | 4                    | 234    | 128                  | 220    | 11.7         | 0      | 1         |                 | 1     |
| 054                                      | 35                     | 300                | 3                    | 196    | 127                  | 223    | 10.1         | 0      | 3         |                 | 1     |
| 054H                                     | 36                     | 300                | 3                    | 196    | 127                  | 223    | 9.3          | 0      | 3         | B1              | 1,4   |
| 055                                      | 35                     | 300                | 3                    | 196    | 127                  | 223    | 10.1         | 1      | 3         |                 | 1     |
| 057                                      | 45                     | 330                | 4                    | 234    | 128                  | 220    | 11.7         | 1      | 1         |                 | 1     |
| 063                                      | 41                     | 360                | 4                    | 210    | 175                  | 175    | 10.9         | 0      | 1         | B13             | 1,7   |
| 065                                      | 50                     | 440                | 5                    | 243    | 175                  | 175    | 13.0         | 0      | 1         | B13             | 1,7   |
| 068                                      | 68                     | 550                | 6                    | 266    | 175                  | 220    | 16.4         | 0      | 1         | B1              | 1,4   |
| 069                                      | 68                     | 550                | 6                    | 266    | 175                  | 220    | 16.4         | 1      | 1         | B1              | 1,4   |
| 072T                                     | 70                     | 600                | 7                    | 266    | 175                  | 220    | 20.7         | 1      | 1         |                 |       |
| 075                                      | 60                     | 540                | 6                    | 243    | 175                  | 175    | 14.1         | 0      | 1         | B13             | 1,7   |
| 077                                      | 45                     | 400                | 4                    | 210    | 175                  | 190    | 11.7         | 1      | 1         | B13             | 1,7   |
| 078                                      | 56                     | 480                | 5                    | 243    | 175                  | 190    | 13.9         | 1      | 1         | B13             | 1,7   |
| 085                                      | 43                     | 360                | 4                    | 210    | 175                  | 175    | 10.9         | 0      | 19        | B13             | 1,7   |
| 088                                      | 68                     | 570                | 6                    | 257    | 172                  | 236    | 20.6         | 0      | 1         |                 | 1     |
| 089                                      | 68                     | 570                | 6                    | 257    | 172                  | 236    | 20.6         | 1      | 1         |                 | 1     |
| 096                                      | 70                     | 640                | 7                    | 278    | 175                  | 190    | 16.9         | 0      | 1         | B13             | 1,7   |
| 096R                                     | 70                     | 640                | 7                    | 278    | 175                  | 190    | 16.9         | 1      | 1         | B13             | 1,7   |
| 097                                      | 60                     | 570                | 6                    | 243    | 175                  | 175    | 15.5         | 0      | 19        | B13             | 1,7   |
| 099                                      | 72                     | 680                | 7                    | 278    | 175                  | 175    | 18.5         | 0      | 19        | B13             | 1,7   |
| 100                                      | 68                     | 570                | 7                    | 278    | 175                  | 175    | 15.9         | 0      | 1         | B13             | 1,7   |
| 104                                      | 28                     | 190                | 3                    | 180    | 140                  | 190    | 10.0         | 1      | 1         |                 |       |
| 110                                      | 80                     | 740                | 7                    | 317    | 175                  | 175    | 18.8         | 0      | 1         | B13             | 1     |
| 154                                      | 45                     | 330                | 4                    | 234    | 128                  | 220    | 11.7         | 0      | 3         |                 | 1     |
| 155                                      | 45                     | 330                | 4                    | 234    | 128                  | 220    | 11.7         | 1      | 3         |                 | 1     |
| 249                                      | 85                     | 680                | 8                    | 302    | 175                  | 225    | 19.8         | 0      | 1         |                 | 1     |
| 249H                                     | 91                     | 740                | 8                    | 302    | 172                  | 225    | 21.1         | 0      | 1         | B1              | 1,4   |
| 250                                      | 85                     | 680                | 8                    | 302    | 175                  | 225    | 19.8         | 1      | 1         |                 | 1     |
| 250H                                     | 91                     | 740                | 8                    | 302    | 172                  | 225    | 21.1         | 1      | 1         | B1              | 1,4   |
| 612                                      | 140                    | 900                | 14                   | 513    | 185                  | 215    | 36.0         | 3      | 1         |                 | 1     |
| 616L                                     | 100                    | 750                | 10                   | 402    | 175                  | 220    | 24.1         | 0      | 1         |                 | 1     |
| 616R                                     | 100                    | 750                | 10                   | 402    | 175                  | 220    | 24.1         | 1      | 1         |                 | 1     |
| 620                                      | 143                    | 900                | 14                   | 513    | 218                  | 225    | 46.0         | 3      | 1         | B3              | 1,5   |

| Type   | Ah. Cap.<br>@20hr rate | E.N.<br>Cold start | Bench charge<br>AMPS | L (mm) | Dimensions<br>W (mm) | H (mm) | Weight<br>Kg | Layout     | Terminals | Base<br>holdown | Notes   |
|--|------------------------|--------------------|----------------------|--------|----------------------|--------|--------------|------------|-----------|-----------------|---------|
| Numax Premium Silver & HGV 12 volt range (continued) |                        |                    |                      |        |                      |        |              |            |           |                 |         |
| 622  | 130                    | 680                | 12                   | 512    | 216                  | 207    | 38.0         | 3          | 1         |                 | 1       |
| 623  | 143                    | 900                | 14                   | 513    | 223                  | 225    | 44.0         | 4          | 1         |                 | 1       |
| 624  | 200                    | 1200               | 18                   | 518    | 276                  | 240    | 53.9         | 4          | 1         |                 | 1       |
| 625  | 200                    | 1050               | 18                   | 518    | 276                  | 240    | 53.9         | 3          | 1         |                 | 1       |
| 629  | 170                    | 1000               | 16                   | 513    | 223                  | 225    | 43.3         | 3          | 1         |                 | 1       |
| 629UR  | 180                    | 1000               | 18                   | 513    | 223                  | 225    | 44.2         | 3          | 1         |                 | 1       |
| 630  | 110                    | 760                | 11                   | 513    | 175                  | 209    | 32.0         | 3          | 1         | B3              | 1,5     |
| 632  | 225                    | 1150               | 20                   | 518    | 276                  | 240    | 57.2         | 3          | 1         |                 | 1       |
| 633  | 135                    | 950                | 13                   | 360    | 253                  | 240    | 40.0         | 6          | 1         |                 | 1       |
| 636  | 120                    | 850                | 12                   | 513    | 189                  | 225    | 33.9         | 4          | 1         |                 | 1       |
| 637  | 120                    | 680                | 12                   | 513    | 189                  | 225    | 33.9         | 3          | 1         |                 | 1       |
| 638  | 140                    | 830                | 14                   | 510    | 164                  | 210    | 38.0         | 0          | 1         |                 | 1       |
| 643  | 90                     | 540                | 9                    | 346    | 175                  | 239    | 25.2         | 0          | 1         |                 | 1       |
| 644  | 90                     | 540                | 9                    | 346    | 175                  | 239    | 25.2         | 1          | 1         |                 | 1       |
| 647  | 115                    | 700                | 12                   | 346    | 175                  | 289    | 31.4         | 0          | 1         |                 | 1       |
| 648  | 115                    | 700                | 12                   | 346    | 175                  | 289    | 31.4         | 1          | 1         |                 | 1       |
| 655  | 125                    | 720                | 14                   | 346    | 175                  | 289    | 35.5         | 0          | 1         |                 | 1       |
| 656  | 125                    | 720                | 14                   | 346    | 175                  | 289    | 35.5         | 1          | 1         |                 | 1       |
| 663  | 110                    | 680                | 11                   | 346    | 175                  | 239    | 28.8         | 0          | 1         |                 | 1       |
| 664  | 110                    | 680                | 11                   | 346    | 175                  | 239    | 28.8         | 1          | 1         |                 | 1       |
| 665  | 125                    | 800                | 12                   | 346    | 175                  | 239    | 30.5         | 0          | 1         |                 | 1       |
| 663FL  | 110                    | 750                | 11                   | 346    | 175                  | 239    | 29.9         | 0          | 1         |                 | 1       |
| 664FL  | 110                    | 750                | 11                   | 346    | 175                  | 239    | 29.9         | 1          | 1         |                 | 1       |
| 663H   | 110                    | 680                | 11                   | 346    | 175                  | 239    | 28.8         | 0          | 1         | B1              | 1       |
| 664H   | 110                    | 750                | 11                   | 346    | 175                  | 239    | 29.9         | 1          | 1         | B1              | 1       |
| 663HFL   | 110                    | 750                | 11                   | 346    | 175                  | 239    | 29.9         | 0          | 1         | B1              | 1       |
| 6TN  | 135                    | 800                | 12                   | 286    | 269                  | 230    | 37.6         | 7          | 1         |                 | 1       |
| MF78DT-630   | 70                     | 630                | 7                    | 260    | 179                  | 201    | 16.4         | SIDE & TOP | 1 + SIDE  | B1              | 1,4     |
| 75-550   | 60                     | 550                | 6                    | 230    | 179                  | 185    | 14.3         | 1          | SIDE      | B1              | 1,4     |
| 78-630   | 70                     | 630                | 7                    | 260    | 179                  | 185    | 16.2         | 1          | SIDE      | B1              | 1,4     |
| 895CXT   | 32                     | 310                | 3                    | 205    | 132                  | 185    | 7.9          | 0          | 19        |                 | 1       |
| 896CXT   | 32                     | 310                | 3                    | 205    | 132                  | 185    | 7.9          | 1          | 19        |                 | 1       |
| 897  | 24                     | 290                | 2                    | 205    | 132                  | 185    | 10.0         | 0          | 1         |                 |         |
| 898  | 24                     | 290                | 2                    | 205    | 132                  | 185    | 10.0         | 1          | 1         |                 |         |
| Numax Classic 12 volt hard rubber range              |                        |                    |                      |        |                      |        |              |            |           |                 |         |
| 182  | 65                     | 550                | 6                    | 332    | 133                  | 203    | 15.0         | 1          | 1         | B6              |         |
| 241  | 68                     | 580                | 7                    | 307    | 170                  | 225    | 22.0         | 0          | 1         |                 |         |
| 242  | 68                     | 580                | 7                    | 307    | 170                  | 225    | 22.0         | 1          | 1         |                 |         |
| 279  | 60                     | 500                | 6                    | 490    | 110                  | 220    | 22.0         | 5          | 1         |                 |         |
| 291  | 57                     | 470                | 5                    | 250    | 168                  | 221    | 16.0         | 1          | 1         |                 |         |
| Numax Classic 6 volt hard rubber range               |                        |                    |                      |        |                      |        |              |            |           |                 |         |
| 404  | 77                     | 395                | 8                    | 218    | 170                  | 190    | 10.0         | 0          | 1         |                 |         |
| 421  | 63                     | 270                | 5                    | 170    | 175                  | 225    | 9.5          | 0          | 1         |                 |         |
| 451  | 185                    | 500                | 12                   | 413    | 174                  | 220    | 24.0         | 1          | 1         |                 |         |
| 501  | 92                     | 290                | 9                    | 227    | 172                  | 221    | 11.5         | 0          | 1         |                 |         |
| 511  | 112                    | 350                | 10                   | 257    | 172                  | 221    | 12.5         | 0          | 1         |                 |         |
| 521  | 123                    | 390                | 12                   | 291    | 173                  | 221    | 18.0         | 0          | 1         |                 |         |
| 531  | 138                    | 450                | 13                   | 319    | 173                  | 222    | 19.0         | 0          | 1         |                 |         |
| 541  | 154                    | 480                | 15                   | 348    | 173                  | 222    | 20.0         | 0          | 1         |                 |         |
| 711  | 182                    | 520                | 18                   | 258    | 181                  | 370    | 35.0         | 0          | 1         |                 | 1,10,11 |
| 712  | 198                    | 650                | 19                   | 315    | 181                  | 370    | 42.0         | 0          | 1         |                 | 1,10,11 |
| 713  | 265                    | 700                | 20                   | 372    | 181                  | 370    | 51.0         | 0          | 1         |                 | 1,10,11 |
| 722  | 190                    | 530                | 19                   | 422    | 176                  | 260    | 40.0         | 0          | PSV       |                 | 1,10,11 |
| 732  | 160                    | 490                | 16                   | 364    | 176                  | 243    | 38.0         | 0          | 1         |                 |         |
| 733  | 190                    | 530                | 19                   | 422    | 176                  | 243    | 42.0         | 0          | 1         |                 | 1,10,11 |

| Type                     | Ah. Cap.<br>@20hr rate | E.N.<br>Cold start | Bench charge<br>AMPS | L (mm) | Dimensions<br>W (mm) | H (mm) | Weight<br>Kg | Layout | Terminals | Base<br>holdown | Notes |
|--------------------------|------------------------|--------------------|----------------------|--------|----------------------|--------|--------------|--------|-----------|-----------------|-------|
| <b>Numax Value range</b> |                        |                    |                      |        |                      |        |              |        |           |                 |       |
| V017                     | 83                     | 720                | 8                    | 354    | 175                  | 175    | 20.0         | 0      | 1         | B13             | 1,7   |
| V063                     | 35                     | 330                | 4                    | 210    | 175                  | 175    | 10.5         | 0      | 1         | B13             | 1,7   |
| V075                     | 53                     | 470                | 5                    | 243    | 175                  | 175    | 13.3         | 0      | 1         | B13             | 1,7   |
| V096                     | 68                     | 570                | 7                    | 278    | 175                  | 175    | 15.9         | 0      | 1         | B13             | 1,7   |
| V629                     | 155                    | 900                | 12                   | 513    | 223                  | 225    | 41.2         | 3      | 1         |                 | 1     |

**Numax CXV sealed leisure and marine range**

|          |     |      |    |     |     |     |      |   |    |    |           |
|----------|-----|------|----|-----|-----|-----|------|---|----|----|-----------|
| XV23MF   | 75  | 600  | 6  | 257 | 172 | 220 | 17.4 | 1 | DT | B1 | 1,4,17,21 |
| XV24MF   | 86  | 720  | 8  | 257 | 172 | 220 | 18.8 | 1 | DT | B1 | 1,4,17,21 |
| XV27MF   | 100 | 720  | 8  | 302 | 172 | 220 | 21.2 | 1 | DT | B1 | 1,4,17,21 |
| XV30HMF  | 105 | 800  | 8  | 325 | 172 | 220 | 21.5 | 1 | 1  | B1 | 1,4,17,21 |
| XV30HRMF | 105 | 800  | 8  | 325 | 172 | 220 | 21.5 | 0 | 1  | B1 | 1,4,17,21 |
| XV31MF   | 110 | 800  | 8  | 330 | 172 | 242 | 23.3 | 1 | DT |    | 1,17,21   |
| XV35MF   | 120 | 900  | 10 | 330 | 172 | 242 | 28.3 | 1 | DT |    | 1,17,21   |
| XV50MF   | 120 | 870  | 10 | 506 | 182 | 233 | 34.3 | 3 | 1  |    | 1,17,21   |
| XV60MF   | 170 | 1000 | 15 | 506 | 212 | 230 | 39.2 | 3 | 1  |    | 1,17,21   |
| XV70MF   | 205 | 1200 | 18 | 509 | 274 | 238 | 50.9 | 3 | 1  |    | 1,17,21   |
| XV80MF   | 235 | 1400 | 20 | 509 | 274 | 238 | 52.9 | 3 | 1  |    | 1,17,21   |

**Numax sealed leisure and marine range**

|        |     |     |   |     |     |     |      |   |   |     |        |
|--------|-----|-----|---|-----|-----|-----|------|---|---|-----|--------|
| LV22MF | 75  | 550 | 7 | 266 | 175 | 225 | 16.9 | 1 | 1 | B1  | 1,4,21 |
| LV25MF | 90  | 720 | 9 | 354 | 175 | 190 | 21.1 | 0 | 1 | B13 | 1,7,21 |
| LV26MF | 100 | 740 | 9 | 302 | 172 | 255 | 21.1 | 1 | 1 | B1  | 1,4,21 |
| MV22MF | 75  | 550 | 7 | 266 | 175 | 225 | 16.9 | 1 | 1 | B1  | 1,4,21 |
| MV25MF | 90  | 720 | 9 | 354 | 175 | 190 | 21.1 | 0 | 1 | B13 | 1,7,21 |
| MV26MF | 100 | 740 | 9 | 302 | 172 | 255 | 21.1 | 1 | 1 | B1  | 1,4,21 |

**Numax open vent leisure and marine range**

|      |     |     |    |     |     |     |      |   |   |  |         |
|------|-----|-----|----|-----|-----|-----|------|---|---|--|---------|
| 678  | 60  | N/A | 5  | 265 | 176 | 210 | 17.2 | 1 | 1 |  | 1,17,21 |
| 679  | 100 | N/A | 8  | 345 | 173 | 225 | 29.5 | 1 | 1 |  | 1,17,21 |
| M110 | 100 | N/A | 8  | 345 | 173 | 225 | 29.5 | 1 | 1 |  | 1,17,21 |
| M135 | 125 | N/A | 10 | 346 | 175 | 289 | 42.5 | 1 | 1 |  | 1,17,21 |

**Numax AGM technology (Absorbent Glass Mat)**

*Giving longer life and outstanding performance for vehicles with the most sophisticated power demands  
Standard fitting on Start Stop vehicles*

**Numax AGM range**

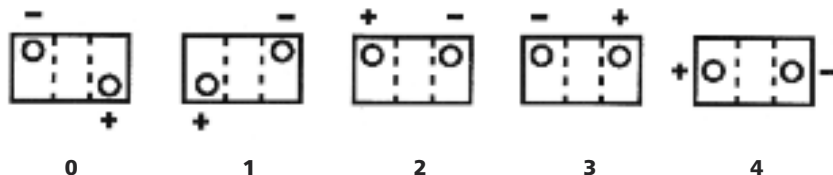
|        |     |     |    |     |     |     |      |   |   |     |     |
|--------|-----|-----|----|-----|-----|-----|------|---|---|-----|-----|
| 017AGM | 95  | 850 | 8  | 353 | 175 | 190 | 26.4 | 0 | 1 | B13 | 1,7 |
| 020AGM | 105 | 950 | 10 | 393 | 175 | 190 | 29.2 | 0 | 1 | B13 | 1,7 |
| 027AGM | 60  | 680 | 6  | 242 | 175 | 190 | 17.7 | 0 | 1 | B13 | 1,7 |
| 096AGM | 70  | 760 | 7  | 278 | 175 | 190 | 20.4 | 0 | 1 | B13 | 1,7 |
| 110AGM | 80  | 800 | 8  | 315 | 175 | 190 | 22.5 | 0 | 1 | B13 | 1,7 |

**PRODUCT FEATURES**

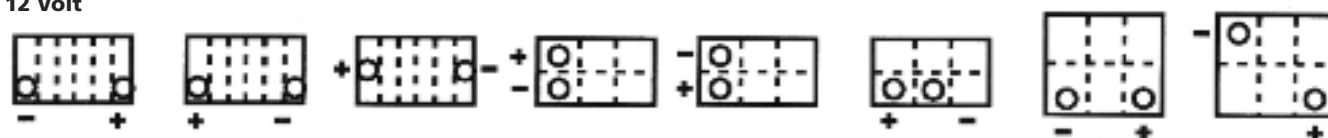
- Extreme durability with higher energy throughput
- Absolute Maintenance Free
- Fully spillproof to 180 degrees
- Superior Starting Power; even at low temperatures
- Minimal electrical resistance
- Withstands vibration
- No grid ageing as with conventional batteries
- Non hazardous for land, sea and air

## Layouts

### 6 Volt



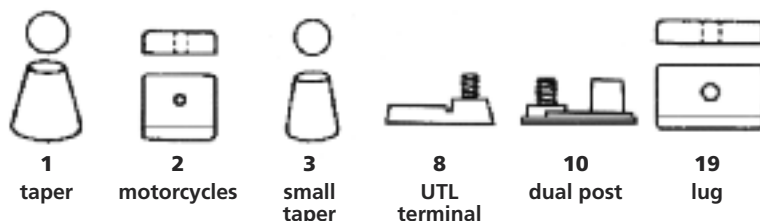
### 12 Volt



## Notes

- 1 Battery with handles
- 2 Battery with 2 base hold downs 29mm high on short sides (B9)
- 3 Battery with 2 base hold downs 19mm high on long sides (B4)
- 4 Battery with 2 base hold downs 10.5mm high on long sides (B1)
- 5 Battery with 4 base hold downs 10.5mm high on long and short sides (B3)
- 6 Battery with 2 base hold downs 10.5mm high on long sides and 2 base hold downs 29mm high on short sides (B5)
- 7 Battery with base hold downs 10.5mm high on long and short sides with 5 indentations on long sides for clamping (B13)
- 10 Semi-traction (for standard and heavy cyclic applications)
- 11 Heavy duty (incorporates semi-traction and additional vibration proof features)
- 17 Battery fitted with 'magic eye' hydrometer
- 21 Leisure (for light cyclic applications)

## Terminals



## Accessories

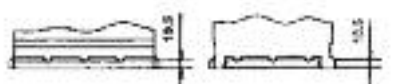
The following accessories are available from Manbat.

| Description                          | Part No.  |
|--------------------------------------|-----------|
| Ford terminal adaptor kit            | SAP537272 |
| VW/Audi Holddown Adaptor             | SAP537267 |
| Terminal sleeves (set)               | SAP537270 |
| Terminal Adaptor positive terminal   | 1 100 01  |
| Terminal adaptor negative terminal   | 2 100 01  |
| Hydrometer                           | 0 059 00  |
| Battery stand                        | BATTSTAND |
| Acid Pack                            | ACID6     |
| Powakaddy connector for 22Ah battery | PKA22     |
| Powakaddy connector for 26Ah battery | PKA26     |
| Powakaddy connector for 34Ah battery | PKA34     |
| Powakaddy T piece connector          | PKT       |
| Hill Billy connector with Torberry   | HBC       |

## Base hold-downs



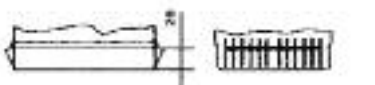
B1



B3



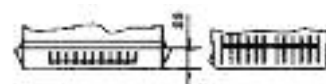
B4



B6



B7



B9



B11



B13

| Part No. | Voltage | Ah | Dimensions |        |        | Weight<br>with<br>acid (Kg) | Layout | Terminals | Varta No. |
|----------|---------|----|------------|--------|--------|-----------------------------|--------|-----------|-----------|
|          |         |    | L (mm)     | W (mm) | H (mm) |                             |        |           |           |

### Conventional wet or dry charged batteries

|           |    |    |     |     |     |      |   |    |           |
|-----------|----|----|-----|-----|-----|------|---|----|-----------|
| 6N42A4    | 6  | 4  | 70  | 70  | 95  | 0.74 | 1 | 2  | 004014001 |
| 6N63B     | 6  | 6  | 99  | 57  | 110 | 1.18 | 0 | 2  | 006012003 |
| 6N11A3A1  | 6  | 11 | 121 | 59  | 129 | 2.01 | 0 | 2  | 012014008 |
| B496      | 6  | 10 | 91  | 83  | 160 | 2.09 | 0 | 2  | 008011004 |
| YB4LB     | 12 | 4  | 120 | 70  | 92  | 1.59 | 0 | 2  | 504011002 |
| YB5LB     | 12 | 5  | 120 | 62  | 129 | 1.92 | 0 | 2  | 505012003 |
| YB7A      | 12 | 8  | 137 | 75  | 134 | 2.86 | 1 | 2  | 508013008 |
| YB9B      | 12 | 9  | 135 | 75  | 138 | 2.87 | 1 | 2  | 509014008 |
| YB10LA2   | 12 | 11 | 134 | 90  | 145 | 3.61 | 1 | 2  | 511012009 |
| YB10LB2   | 12 | 11 | 134 | 90  | 145 | 3.61 | 0 | 2  | 511013009 |
| YB12AA    | 12 | 12 | 134 | 80  | 160 | 4.08 | 1 | 2  | 512011012 |
| YB12ALA2  | 12 | 12 | 134 | 80  | 160 | 4.08 | 0 | 2  | 512013012 |
| YB14AA2   | 12 | 14 | 134 | 89  | 176 | 4.44 | 1 | 2  | 514012014 |
| YB14LA2   | 12 | 14 | 134 | 89  | 164 | 4.42 | 0 | 2  | 514011014 |
| YB14B2    | 12 | 14 | 134 | 89  | 164 | 4.42 | 1 | 2  | 514014014 |
| YB16ALA2  | 12 | 16 | 205 | 70  | 162 | 5.14 | 0 | 2  | 516016012 |
| YB16B     | 12 | 19 | 175 | 100 | 155 | 6.31 | 1 | 2  | 519012019 |
| YB16CLB   | 12 | 19 | 175 | 100 | 175 | 6.40 | 0 | 2  | 519014018 |
| YB16LB    | 12 | 19 | 175 | 100 | 155 | 6.31 | 0 | 2  | 519011019 |
| Y50N18LA2 | 12 | 20 | 206 | 92  | 160 | 6.35 | 0 | 2  | 520012020 |
| Y60N30A   | 12 | 28 | 185 | 126 | 170 | 7.53 | 1 | 2  | 530034030 |
| Y60N30LA  | 12 | 28 | 185 | 126 | 170 | 7.53 | 0 | 2  | 530030030 |
| YB30CLB   | 12 | 30 | 168 | 132 | 192 | 9.32 | 0 | 2  | N/A       |
| 895CXT    | 12 | 32 | 205 | 132 | 185 | 7.90 | 0 | 19 | 528451030 |
| 896CXT    | 12 | 32 | 205 | 132 | 185 | 7.90 | 1 | 19 | 528450030 |
| 897       | 12 | 28 | 185 | 126 | 170 | 7.53 | 0 | 1  | N/A       |
| 898       | 12 | 28 | 185 | 126 | 170 | 7.53 | 1 | 1  | N/A       |



### High performance Liquifix batteries

|          |    |     |     |    |     |      |   |         |           |
|----------|----|-----|-----|----|-----|------|---|---------|-----------|
| YTR4ABS  | 12 | 2.3 | 113 | 48 | 85  | 1.00 | 4 | Push On | 503904004 |
| YTX4LBS  | 12 | 3   | 114 | 70 | 85  | 1.36 | 0 | 2       | 503014003 |
| YTX5LBS  | 12 | 4   | 114 | 70 | 105 | 1.84 | 0 | 2       | 504012003 |
| YTX7ABS  | 12 | 6   | 150 | 87 | 93  | 2.46 | 1 | 2       | 506015005 |
| YTX7LBS  | 12 | 6   | 114 | 70 | 130 | 2.50 | 0 | 2       | 506014005 |
| YTX9BS   | 12 | 8   | 150 | 87 | 105 | 3.00 | 1 | 2       | 508012008 |
| YTX12BS  | 12 | 10  | 151 | 87 | 130 | 3.74 | 1 | 2       | 510012009 |
| YTX14BS  | 12 | 12  | 151 | 87 | 146 | 4.48 | 1 | 2       | 512014010 |
| YTX15LBS | 12 | 13  | 175 | 87 | 130 | 5.15 | 0 | 2       | N/A       |
| YTX16BS  | 12 | 14  | 151 | 87 | 158 | 4.91 | 0 | 2       | 514902023 |
| YTX18LBS | 12 | 20  | 205 | 87 | 162 | 7.09 | 0 | 2       | N/A       |
| YTX20BS  | 12 | 18  | 175 | 87 | 155 | 5.86 | 1 | 2       | 518902026 |
| YTX20LBS | 12 | 18  | 175 | 87 | 155 | 5.86 | 0 | 2       | 518901026 |

### VRLA sealed batteries

|              |    |      |     |     |     |      |   |         |           |
|--------------|----|------|-----|-----|-----|------|---|---------|-----------|
| YT4B5/YT4BBS | 12 | 2.5  | 113 | 39  | 86  | 0.95 | 4 | Push On | N/A       |
| YT4LBS       | 12 | 3    | 114 | 70  | 86  | 1.35 | 0 | 2       | 503014003 |
| YT5LBS       | 12 | 4    | 114 | 69  | 109 | 1.93 | 0 | 2       | N/A       |
| YT6B3        | 12 | 6    | 110 | 68  | 110 | 2.16 | 0 | 2       | N/A       |
| YT7B4        | 12 | 6.5  | 150 | 65  | 92  | 2.42 | 1 | 2       | 507901012 |
| YT9B4        | 12 | 8    | 150 | 69  | 105 | 2.93 | 1 | 2       | N/A       |
| YT12ABS      | 12 | 10   | 151 | 87  | 105 | 3.29 | 1 | 2       | 511901014 |
| YT12B4       | 12 | 10   | 150 | 69  | 130 | 3.67 | 1 | 2       | 512901019 |
| YT14B4       | 12 | 12   | 150 | 69  | 145 | 4.23 | 1 | 2       | N/A       |
| YTZ75        | 12 | 6    | 114 | 71  | 106 | 2.27 | 0 | 2       | 507902011 |
| YTZ10S       | 12 | 8.5  | 151 | 87  | 94  | 3.24 | 1 | 2       | 508901015 |
| YTZ12S       | 12 | 11   | 151 | 87  | 110 | 3.91 | 1 | 2       | 509901020 |
| YTZ14S       | 12 | 11.3 | 151 | 87  | 110 | 3.91 | 1 | 2       | 511902023 |
| MB4LB        | 12 | 4    | 120 | 71  | 91  | 1.65 | 0 | 2       | N/A       |
| MB12V7BB     | 12 | 6    | 150 | 65  | 92  | 2.42 | 1 | 2       | N/A       |
| MB9B         | 12 | 9    | 136 | 76  | 139 | 2.95 | 0 | 2       | N/A       |
| MB12AA       | 12 | 12   | 134 | 80  | 161 | 4.35 | 1 | 2       | N/A       |
| MB14A2       | 12 | 13   | 135 | 89  | 170 | 4.44 | 0 | 2       | N/A       |
| MB14BS       | 12 | 13   | 151 | 87  | 146 | 4.58 | 0 | 2       | N/A       |
| MB16LB       | 12 | 19   | 175 | 100 | 155 | 6.54 | 0 | 2       | N/A       |
| MB12V14LB    | 12 | 12   | 135 | 89  | 160 | 4.43 | 0 | 2       | N/A       |
| MB12V16CLB   | 12 | 19   | 175 | 100 | 175 | 7.49 | 0 | 2       | N/A       |
| MB12V20L     | 12 | 18   | 175 | 87  | 155 | 6.05 | 0 | 2       | N/A       |
| MB12V20P     | 12 | 19   | 183 | 79  | 171 | 5.97 | 0 | 2       | 519901017 |
| MB12V22      | 12 | 18   | 205 | 87  | 162 | 7.11 | 0 | 2       | N/A       |
| YGZ14HLBS    | 12 | 14   | 149 | 87  | 144 | 4.73 | 0 | 2       | N/A       |
| YGZ20HLBS    | 12 | 20   | 176 | 87  | 153 | 6.02 | 0 | 2       | N/A       |

| Part No.    | Voltage | Ah<br>@ 20Hr | L (mm) | Dimensions<br>W (mm) | H (mm) | Weight<br>(Kg) |
|-------------|---------|--------------|--------|----------------------|--------|----------------|
| <b>VRLA</b> |         |              |        |                      |        |                |
| SLA2.1-6    | 6       | 2.1          | 97     | 25                   | 55     | 0.30           |
| SLA2.8-6    | 6       | 2.8          | 134    | 34                   | 64     | 0.56           |
| SLA4-6      | 6       | 4            | 70     | 47                   | 106    | 0.85           |
| SLA12-6     | 6       | 12           | 151    | 50                   | 98     | 2.01           |
| SLA1.2-12   | 12      | 1.2          | 97     | 48                   | 55     | 0.57           |
| SLA2.3-12   | 12      | 2.3          | 178    | 34                   | 64     | 0.95           |
| SLA2.9-12   | 12      | 2.9          | 79     | 56                   | 105    | 1.10           |
| SLA3.2-12   | 12      | 3.2          | 134    | 67                   | 64     | 1.18           |
| SLA4.5-12   | 12      | 4.5          | 90     | 70                   | 106    | 1.79           |
| SLA5-12     | 12      | 5            | 140    | 48                   | 103    | 1.65           |
| SLA7-12     | 12      | 7            | 151    | 65                   | 98     | 2.30           |
| SLA10-12    | 12      | 10           | 151    | 65                   | 117    | 2.90           |
| SLA12-12    | 12      | 12           | 151    | 98                   | 98     | 4.05           |
| SLA20-12    | 12      | 20           | 180    | 76                   | 167    | 6.28           |

|                    |    |     |     |     |     |       |
|--------------------|----|-----|-----|-----|-----|-------|
| <b>VRLA Cyclic</b> |    |     |     |     |     |       |
| SLC200-6           | 6  | 200 | 307 | 169 | 225 | 29.00 |
| SLC18-12           | 12 | 18  | 180 | 76  | 167 | 6.20  |
| SLC22-12           | 12 | 22  | 180 | 76  | 167 | 6.45  |
| SLC26-12           | 12 | 26  | 166 | 175 | 125 | 9.20  |
| SLC34-12           | 12 | 34  | 196 | 130 | 168 | 11.40 |
| SLC42-12           | 12 | 42  | 197 | 165 | 170 | 14.50 |
| SLC55-12           | 12 | 55  | 229 | 138 | 214 | 17.70 |
| SLC75-12           | 12 | 75  | 260 | 168 | 233 | 24.00 |
| SLC85-12           | 12 | 85  | 260 | 168 | 233 | 25.50 |
| SLC104-12          | 12 | 104 | 304 | 165 | 210 | 29.70 |
| SLC120-12          | 12 | 120 | 409 | 176 | 225 | 35.50 |
| SLC125-12          | 12 | 125 | 330 | 171 | 220 | 32.50 |
| SLC140-12          | 12 | 140 | 342 | 172 | 280 | 45.00 |
| SLC150-12          | 12 | 150 | 485 | 172 | 240 | 50.00 |
| SLC180-12          | 12 | 180 | 494 | 206 | 209 | 56.00 |
| SLC200-12          | 12 | 200 | 522 | 238 | 218 | 61.50 |
| SLC260-12          | 12 | 260 | 521 | 269 | 220 | 79.00 |

|            |    |     |     |     |     |        |
|------------|----|-----|-----|-----|-----|--------|
| <b>GEL</b> |    |     |     |     |     |        |
| SLG7-12    | 12 | 7   | 151 | 65  | 98  | 2.35   |
| SLG26-12   | 12 | 26  | 166 | 175 | 125 | 9.30   |
| SLG34-12   | 12 | 34  | 196 | 130 | 168 | 11.50  |
| SLG42-12   | 12 | 42  | 197 | 165 | 170 | 14.60  |
| SLG75-12   | 12 | 75  | 260 | 168 | 233 | 24.30  |
| SLG104-12  | 12 | 104 | 330 | 171 | 224 | 31.50  |
| SLG140-12  | 12 | 140 | 342 | 172 | 280 | 45.00  |
| SLG180-12  | 12 | 180 | 494 | 206 | 280 | 103.00 |
| SLG200-12  | 12 | 200 | 522 | 238 | 220 | 105.00 |
| SLG250-12  | 12 | 250 | 521 | 269 | 220 | 108.00 |

| Part No.            | Voltage | Ah<br>@ 20Hr | Ah<br>@ 5Hr | Dimensions<br>L (mm) | Dimensions<br>W (mm) | Dimensions<br>H (mm) | Weight<br>(Kg) |
|---------------------|---------|--------------|-------------|----------------------|----------------------|----------------------|----------------|
| <b>AGM Traction</b> |         |              |             |                      |                      |                      |                |
| AGM6V27             | 6       | 210          | 172         | 306                  | 168                  | 228                  | 28.20          |
| AGM16               | 6       | 390          | 315         | 295                  | 180                  | 428                  | 55.70          |
| AGM185              | 12      | 234          | 198         | 387                  | 180                  | 368                  | 66.50          |
| AGM2200             | 6       | 213          | 185         | 260                  | 180                  | 274                  | 30.00          |
| AGM250              | 6       | 260          | 226         | 295                  | 180                  | 298                  | 36.00          |
| AGM305              | 6       | 312          | 271         | 295                  | 180                  | 366                  | 48.90          |
| AGM31               | 12      | 100          | 75          | 330                  | 174                  | 238                  | 31.10          |

## Accessories

### Description

Powakaddy connector for 22Ah Battery  
 Powakaddy connector for 26Ah Battery  
 Powakaddy connector for 34Ah Battery  
 Powakaddy T piece connector  
 Hill Billy connector with Torberry

### Part No.

PKA22  
 PKA26  
 PKA34  
 PKT  
 HBC





## Numax 'Fit One Charge One' electric fence battery unit

| BATTERIES                               |     |         |     |                         | CHARGER                    |     |                 |
|---|-----|---------|-----|-------------------------|----------------------------|-----|-----------------|
| Type                                    | Qty | Voltage | Amp | Type                    | Voltage                    | Amp | Operation       |
| F1C1                                    | 2   | 12      | 32  | Sealed maintenance free | 12                         | 4   | Fully automatic |
| Individual battery weight 7.9Kg         |     |         |     |                         | Charger weight 350 grammes |     |                 |
| Total weight including packaging 16.8Kg |     |         |     |                         |                            |     |                 |



## Numax 'Connect &amp; Forget' battery chargers

| Type      | Voltage | Amp | Dimensions |        |        | Weight (Kg) | Connection         |
|-----------|---------|-----|------------|--------|--------|-------------|--------------------|
|           |         |     | L (mm)     | W (mm) | H (mm) |             |                    |
| 120100    | 12      | 1   | 105        | 40     | 30     | 0.35        | Eyelets/Croc clips |
| 120200    | 12      | 2   | 105        | 40     | 30     | 0.35        | Eyelets/Croc clips |
| 120400    | 12      | 4   | 155        | 70     | 48     | 0.5         | Eyelets/Croc clips |
| 121000    | 12      | 10  | 167        | 103    | 50     | 0.9         | Eyelets/Croc clips |
| 122000    | 12      | 20  | 190        | 118    | 58     | 1.7         | Croc clips         |
| 123000    | 12      | 30  | 275        | 152    | 70     | 2.4         | Croc clips         |
| 124500    | 12      | 45  | 350        | 230    | 110    | 3.0         | Croc clips         |
| 240200MOB | 24      | 2   | 155        | 70     | 48     | 0.5         | 3 pin plug         |
| 240400MOB | 24      | 4   | 155        | 70     | 48     | 0.5         | 3 pin plug         |
| 240700MOB | 24      | 7   | 167        | 103    | 50     | 0.9         | 3 pin plug         |
| 241200HD  | 24      | 12  | 190        | 118    | 58     | 1.7         | Croc clips         |
| 241200MOB | 24      | 12  | 190        | 118    | 58     | 1.7         | 3 pin plug         |



## Numax 'Connect &amp; Convert' inverters

| Type           | Voltage | Wattage | Length | Width | Height | Weight (Kg) |
|----------------|---------|---------|--------|-------|--------|-------------|
| PURE150W12V    | 12      | 150     | 230    | 118   | 58     | 1.2         |
| PURE600W12V    | 12      | 600     | 330    | 170   | 67     | 3.6         |
| PURE600W24V    | 24      | 600     | 300    | 170   | 67     | 3.6         |
| PURE1000C12V   | 12      | 1000    | 390    | 223   | 103    | 5.2         |
| PURE1000C24V*  | 24      | 1000    | 390    | 223   | 103    | 5.2         |
| PURE1500W12V   | 12      | 1500    | 420    | 223   | 103    | 6.2         |
| PURE1500W24V   | 24      | 1500    | 420    | 223   | 103    | 6.2         |
| MOD300W12V     | 12      | 300     | 175    | 105   | 45     | 0.8         |
| MOD600W12V     | 12      | 600     | 200    | 130   | 60     | 1.2         |
| MOD600W24V     | 24      | 600     | 200    | 130   | 60     | 1.2         |
| MOD800W12V     | 12      | 800     | 265    | 150   | 60     | 1.9         |
| MOD800W24V     | 24      | 800     | 265    | 150   | 60     | 1.9         |
| MOD1200W12V    | 12      | 1200    | 315    | 150   | 60     | 2.4         |
| MOD1200W24V    | 24      | 1200    | 315    | 150   | 60     | 2.4         |
| MOD1500W12V    | 12      | 1500    | 340    | 190   | 75     | 4.2         |
| MOD1500W24V    | 24      | 1500    | 340    | 190   | 75     | 4.2         |
| MOD2000W12V    | 12      | 2000    | 340    | 190   | 75     | 4.2         |
| MOD2000W24V    | 24      | 2000    | 340    | 190   | 75     | 4.2         |
| MOD2500W12V    | 12      | 2500    | 380    | 190   | 95     | 4.8         |
| MOD2500W24V    | 24      | 2500    | 380    | 190   | 95     | 4.8         |
| MOD150WPLUG12V | 12      | 150     | 150    | 74    | 58     | 0.2         |

\* with remote

