

# MARINEGEL



| Amps to 1.9V |               |       |         |       |       |        |        |        |     |     |     |     |     |     |     |     |     |      |      |
|--------------|---------------|-------|---------|-------|-------|--------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Model        | Nominal volts | 1 min | 2.5 min | 5 min | 10min | 20 min | 30 min | 45 min | 1hr | 2hr | 3hr | 4hr | 5hr | 6hr | 7hr | 8hr | 9hr | 10hr | 20hr |
| 4MG130       | 4             | 101   | 99      | 98    | 90    | 76     | 67     | 54     | 47  | 26  | 22  | 17  | 15  | 13  | 11  | 11  | 10  | 9    | 5    |
| 6MG200       | 6             | 168   | 166     | 163   | 154   | 127    | 112    | 90     | 78  | 43  | 36  | 29  | 25  | 22  | 19  | 18  | 16  | 15   | 9    |
| 2MG250       | 2             | 201   | 199     | 196   | 185   | 152    | 134    | 108    | 94  | 52  | 43  | 35  | 30  | 26  | 23  | 22  | 19  | 18   | 11   |
| 4MG310       | 4             | 268   | 265     | 261   | 246   | 203    | 179    | 144    | 125 | 69  | 58  | 46  | 40  | 35  | 30  | 29  | 26  | 24   | 14   |
| 2MG450       | 2             | 369   | 364     | 359   | 339   | 279    | 246    | 198    | 172 | 95  | 79  | 64  | 55  | 48  | 42  | 40  | 35  | 33   | 20   |
| 2MG650       | 2             | 570   | 563     | 555   | 515   | 432    | 381    | 306    | 265 | 146 | 122 | 99  | 85  | 75  | 65  | 61  | 54  | 51   | 31   |
| 2MG1000      | 2             | 384   | 375     | 369   | 358   | 328    | 317    | 277    | 256 | 198 | 155 | 127 | 111 | 96  | 87  | 80  | 75  | 68   | 40   |
| 2MG1350      | 2             | 528   | 516     | 507   | 492   | 451    | 425    | 381    | 336 | 258 | 201 | 175 | 145 | 132 | 120 | 106 | 103 | 91   | 55   |
| 2MG2000      | 2             | 768   | 750     | 738   | 716   | 656    | 620    | 554    | 490 | 375 | 295 | 254 | 212 | 192 | 174 | 153 | 150 | 133  | 80   |

# MARINEGEL



|         |               | Amps to 1.85V |         |       |       |        |        |        |     |     |     |     |     |     |     |     |     |      |      |
|---------|---------------|---------------|---------|-------|-------|--------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Model   | Nominal volts | 1 min         | 2.5 min | 5 min | 10min | 20 min | 30 min | 45 min | 1hr | 2hr | 3hr | 4hr | 5hr | 6hr | 7hr | 8hr | 9hr | 10hr | 20hr |
| 4MG130  | 4             | 127           | 122     | 118   | 111   | 88     | 76     | 61     | 52  | 29  | 23  | 19  | 16  | 14  | 13  | 11  | 10  | 10   | 6    |
| 6MG200  | 6             | 213           | 207     | 203   | 185   | 147    | 127    | 102    | 87  | 49  | 39  | 31  | 27  | 23  | 21  | 19  | 17  | 16   | 10   |
| 2MG250  | 2             | 253           | 245     | 235   | 222   | 176    | 152    | 122    | 104 | 59  | 47  | 37  | 32  | 28  | 25  | 23  | 20  | 19   | 12   |
| 4MG310  | 4             | 337           | 326     | 314   | 296   | 235    | 203    | 163    | 139 | 78  | 62  | 50  | 43  | 37  | 34  | 30  | 27  | 26   | 15   |
| 2MG450  | 2             | 464           | 448     | 432   | 407   | 323    | 279    | 224    | 191 | 108 | 86  | 68  | 59  | 51  | 46  | 42  | 37  | 35   | 21   |
| 2MG650  | 2             | 717           | 693     | 667   | 629   | 500    | 432    | 347    | 296 | 167 | 133 | 105 | 92  | 78  | 71  | 65  | 58  | 54   | 33   |
| 2MG1000 | 2             | 610           | 595     | 570   | 530   | 465    | 383    | 342    | 321 | 230 | 189 | 152 | 129 | 111 | 99  | 90  | 82  | 76   | 46   |
| 2MG1350 | 2             | 839           | 818     | 784   | 729   | 639    | 514    | 470    | 424 | 300 | 234 | 209 | 165 | 153 | 136 | 117 | 113 | 100  | 60   |
| 2MG2000 | 2             | 1220          | 1190    | 1140  | 1060  | 930    | 745    | 684    | 614 | 435 | 339 | 304 | 240 | 222 | 198 | 171 | 164 | 145  | 87   |

# MARINEGEL



| Amps to 1.80V |               |       |         |       |       |        |        |        |     |     |     |     |     |     |     |     |     |      |      |
|---------------|---------------|-------|---------|-------|-------|--------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Model         | Nominal volts | 1 min | 2.5 min | 5 min | 10min | 20 min | 30 min | 45 min | 1hr | 2hr | 3hr | 4hr | 5hr | 6hr | 7hr | 8hr | 9hr | 10hr | 20hr |
| 4MG130        | 4             | 171   | 159     | 148   | 128   | 99     | 83     | 64     | 53  | 29  | 23  | 18  | 15  | 13  | 12  | 11  | 10  | 10   | 6    |
| 6MG200        | 6             | 291   | 270     | 250   | 216   | 170    | 144    | 111    | 95  | 53  | 41  | 33  | 28  | 24  | 22  | 20  | 18  | 16   | 10   |
| 2MG250        | 2             | 342   | 318     | 296   | 256   | 198    | 166    | 128    | 107 | 58  | 45  | 36  | 30  | 26  | 24  | 22  | 20  | 18   | 11   |
| 4MG310        | 4             | 456   | 424     | 395   | 341   | 264    | 222    | 170    | 142 | 78  | 60  | 48  | 40  | 34  | 31  | 29  | 26  | 24   | 15   |
| 2MG450        | 2             | 626   | 582     | 544   | 468   | 363    | 305    | 234    | 195 | 107 | 83  | 66  | 56  | 47  | 43  | 40  | 36  | 34   | 20   |
| 2MG650        | 2             | 968   | 900     | 840   | 724   | 561    | 471    | 362    | 302 | 165 | 128 | 102 | 86  | 73  | 67  | 62  | 56  | 52   | 31   |
| 2MG1000       | 2             | 780   | 750     | 720   | 690   | 540    | 490    | 435    | 382 | 253 | 198 | 161 | 135 | 116 | 103 | 94  | 86  | 80   | 48   |
| 2MG1350       | 2             | 1073  | 1031    | 990   | 949   | 743    | 665    | 598    | 510 | 330 | 259 | 221 | 177 | 160 | 142 | 124 | 118 | 105  | 63   |
| 2MG2000       | 2             | 1560  | 1500    | 1440  | 1380  | 1080   | 970    | 822    | 735 | 480 | 275 | 304 | 260 | 219 | 195 | 180 | 163 | 153  | 92   |

# MARINEGEL



| Amps to 1.75V |               |       |         |       |       |        |        |        |     |     |     |     |     |     |     |     |     |      |      |
|---------------|---------------|-------|---------|-------|-------|--------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Model         | Nominal volts | 1 min | 2.5 min | 5 min | 10min | 20 min | 30 min | 45 min | 1hr | 2hr | 3hr | 4hr | 5hr | 6hr | 7hr | 8hr | 9hr | 10hr | 20hr |
| 4MG130        | 4             | 199   | 184     | 171   | 144   | 112    | 90     | 68     | 56  | 31  | 23  | 19  | 16  | 14  | 12  | 11  | 10  | 10   | 6    |
| 6MG200        | 6             | 331   | 306     | 285   | 240   | 190    | 154    | 116    | 97  | 54  | 42  | 33  | 29  | 24  | 22  | 20  | 18  | 16   | 10   |
| 2MG250        | 2             | 397   | 367     | 342   | 288   | 223    | 180    | 135    | 111 | 61  | 47  | 37  | 31  | 28  | 24  | 22  | 20  | 19   | 11   |
| 4MG310        | 4             | 529   | 489     | 456   | 384   | 298    | 240    | 180    | 148 | 81  | 63  | 49  | 41  | 37  | 32  | 30  | 27  | 25   | 15   |
| 2MG450        | 2             | 728   | 673     | 628   | 528   | 410    | 330    | 248    | 204 | 112 | 86  | 68  | 57  | 50  | 44  | 41  | 37  | 34   | 21   |
| 2MG650        | 2             | 1125  | 1040    | 970   | 816   | 633    | 510    | 383    | 315 | 173 | 133 | 105 | 88  | 78  | 68  | 63  | 57  | 53   | 32   |
| 2MG1000       | 2             | 875   | 835     | 780   | 715   | 641    | 575    | 524    | 428 | 278 | 205 | 163 | 137 | 118 | 105 | 96  | 86  | 81   | 49   |
| 2MG1350       | 2             | 1203  | 1148    | 1073  | 983   | 881    | 715    | 721    | 550 | 356 | 270 | 224 | 181 | 162 | 144 | 127 | 118 | 108  | 65   |
| 2MG2000       | 2             | 1750  | 1670    | 1560  | 1430  | 1282   | 1041   | 991    | 800 | 516 | 391 | 308 | 265 | 223 | 199 | 185 | 163 | 156  | 94   |

# MARINEGEL



| Amps to 1.70V |               |       |         |       |       |        |        |        |     |     |     |     |     |     |     |     |     |      |      |
|---------------|---------------|-------|---------|-------|-------|--------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Model         | Nominal volts | 1 min | 2.5 min | 5 min | 10min | 20 min | 30 min | 45 min | 1hr | 2hr | 3hr | 4hr | 5hr | 6hr | 7hr | 8hr | 9hr | 10hr | 20hr |
| 4MG130        | 4             | 219   | 199     | 184   | 154   | 119    | 95     | 70     | 56  | 31  | 23  | 19  | 16  | 14  | 13  | 11  | 10  | 10   | 6    |
| 6MG200        | 6             | 365   | 331     | 306   | 257   | 198    | 158    | 117    | 98  | 55  | 42  | 33  | 29  | 24  | 22  | 20  | 18  | 16   | 10   |
| 2MG250        | 2             | 438   | 397     | 367   | 308   | 237    | 190    | 141    | 113 | 62  | 47  | 37  | 31  | 28  | 25  | 23  | 20  | 19   | 11   |
| 4MG310        | 4             | 584   | 529     | 489   | 411   | 316    | 253    | 188    | 150 | 82  | 63  | 50  | 42  | 37  | 33  | 30  | 27  | 25   | 15   |
| 2MG450        | 2             | 802   | 728     | 673   | 566   | 435    | 348    | 258    | 206 | 113 | 86  | 69  | 58  | 51  | 46  | 41  | 38  | 35   | 21   |
| 2MG650        | 2             | 1240  | 1125    | 1040  | 874   | 672    | 538    | 399    | 319 | 175 | 133 | 106 | 89  | 79  | 71  | 64  | 58  | 54   | 32   |
| 2MG1000       | 2             | 1005  | 912     | 815   | 735   | 645    | 578    | 526    | 429 | 279 | 206 | 163 | 137 | 118 | 105 | 96  | 86  | 81   | 49   |
| 2MG1350       | 2             | 1382  | 1254    | 1121  | 1011  | 887    | 792    | 723    | 580 | 375 | 275 | 224 | 182 | 162 | 144 | 128 | 118 | 108  | 65   |
| 2MG2000       | 2             | 2010  | 1824    | 1630  | 1470  | 1290   | 1155   | 994    | 841 | 545 | 400 | 308 | 265 | 223 | 199 | 185 | 163 | 156  | 94   |

# MARINEGEL



| Amps to 1.65V |               |       |         |       |       |        |        |        |     |     |     |     |     |     |     |     |     |      |      |
|---------------|---------------|-------|---------|-------|-------|--------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Model         | Nominal volts | 1 min | 2.5 min | 5 min | 10min | 20 min | 30 min | 45 min | 1hr | 2hr | 3hr | 4hr | 5hr | 6hr | 7hr | 8hr | 9hr | 10hr | 20hr |
| 4MG130        | 4             | 248   | 221     | 197   | 163   | 124    | 98     | 72     | 57  | 31  | 23  | 19  | 16  | 14  | 13  | 11  | 10  | 10   | 6    |
| 6MG200        | 6             | 403   | 363     | 328   | 272   | 206    | 164    | 119    | 99  | 55  | 42  | 33  | 29  | 24  | 22  | 20  | 18  | 16   | 10   |
| 2MG250        | 2             | 496   | 441     | 394   | 326   | 247    | 197    | 143    | 114 | 62  | 47  | 37  | 31  | 28  | 25  | 23  | 20  | 19   | 11   |
| 4MG310        | 4             | 661   | 588     | 525   | 435   | 329    | 262    | 191    | 152 | 83  | 63  | 50  | 42  | 37  | 33  | 30  | 27  | 25   | 15   |
| 2MG450        | 2             | 909   | 809     | 721   | 599   | 453    | 360    | 263    | 208 | 114 | 86  | 69  | 58  | 51  | 46  | 41  | 38  | 35   | 21   |
| 2MG650        | 2             | 1405  | 1250    | 1115  | 925   | 700    | 557    | 406    | 322 | 176 | 133 | 106 | 89  | 79  | 71  | 64  | 58  | 54   | 32   |
| 2MG1000       | 2             | 1122  | 1024    | 935   | 820   | 686    | 604    | 540    | 439 | 282 | 208 | 164 | 137 | 118 | 105 | 96  | 86  | 81   | 49   |
| 2MG1350       | 2             | 1543  | 1408    | 1286  | 1128  | 943    | 833    | 743    | 602 | 387 | 285 | 226 | 184 | 162 | 144 | 129 | 118 | 109  | 65   |
| 2MG2000       | 2             | 2244  | 2048    | 1870  | 1640  | 1372   | 1211   | 1021   | 875 | 562 | 415 | 310 | 266 | 223 | 199 | 186 | 163 | 157  | 94   |

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| Amps to 1.50V |               |       |         |       |       |        |        |        |     |     |     |     |     |     |     |     |     |      |      |
|---------------|---------------|-------|---------|-------|-------|--------|--------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| Model         | Nominal volts | 1 min | 2.5 min | 5 min | 10min | 20 min | 30 min | 45 min | 1hr | 2hr | 3hr | 4hr | 5hr | 6hr | 7hr | 8hr | 9hr | 10hr | 20hr |
| 4MG130        | 4             | 332   | 296     | 263   | 188   | 137    | 104    | 75     | 58  | 31  | 23  | 19  | 16  | 14  | 13  | 11  | 10  | 10   | 6    |
| 6MG200        | 6             | 553   | 493     | 439   | 313   | 228    | 173    | 123    | 99  | 55  | 42  | 33  | 29  | 24  | 22  | 20  | 18  | 16   | 10   |
| 2MG250        | 2             | 664   | 591     | 527   | 376   | 274    | 208    | 147    | 114 | 62  | 47  | 37  | 31  | 28  | 25  | 23  | 20  | 19   | 11   |
| 4MG310        | 4             | 885   | 788     | 702   | 501   | 365    | 277    | 194    | 152 | 83  | 63  | 50  | 42  | 37  | 33  | 30  | 27  | 25   | 15   |
| 2MG450        | 2             | 1216  | 1084    | 965   | 689   | 502    | 381    | 270    | 208 | 114 | 86  | 69  | 58  | 51  | 46  | 41  | 38  | 35   | 21   |
| 2MG650        | 2             | 1880  | 1675    | 1492  | 1065  | 776    | 589    | 413    | 322 | 176 | 133 | 106 | 89  | 79  | 71  | 64  | 58  | 54   | 32   |
| 2MG1000       | 2             | 1525  | 1373    | 1248  | 922   | 735    | 622    | 555    | 439 | 282 | 208 | 164 | 137 | 118 | 105 | 96  | 86  | 81   | 49   |
| 2MG1350       | 2             | 2097  | 1888    | 1716  | 1268  | 1011   | 855    | 763    | 602 | 387 | 285 | 226 | 184 | 162 | 144 | 129 | 118 | 109  | 65   |
| 2MG2000       | 2             | 3050  | 2746    | 2496  | 1844  | 1470   | 1244   | 1049   | 875 | 562 | 415 | 310 | 266 | 223 | 199 | 186 | 163 | 157  | 94   |