



PlusStore AGM VRLA lead acid batteries

PlusStore series AGM lead-acid battery

TPM-12V Long-Life AGM lead-acid series (Design floating charge life:10 year at20°C)

| Model | Voltage (V) | Capacity (AH) | Dimension (mm) | | | | Weight (Kg) | Resistance mohm |
|------------|---------------|-----------------|------------------|-----|-----|--------------|-------------|-----------------|
| | | | L | W | H | Total Height | | |
| TPM-12-7 | 12 | 7 | 151 | 65 | 94 | 100 | 2.2 | 32 |
| TPM-12-12 | 12 | 12 | 151 | 98 | 95 | 101 | 3.5 | 19 |
| TPM-12-17 | 12 | 17 | 181 | 77 | 167 | 167 | 5.1 | 17 |
| TPM-12-20 | 12 | 20 | 181 | 77 | 167 | 167 | 5.5 | 15 |
| TPM-12-26 | 12 | 26 | 166 | 175 | 125 | 125 | 7.8 | 12 |
| TPM-12-33 | 12 | 33 | 195 | 130 | 155 | 166 | 9.4 | 11 |
| TPM-12-40 | 12 | 40 | 197 | 165 | 170 | 170 | 12.5 | 9 |
| TPM-12-55 | 12 | 55 | 229 | 138 | 208 | 211 | 16.5 | 7 |
| TPM-12-65 | 12 | 65 | 350 | 165 | 179 | 179 | 20.5 | 6.5 |
| TPM-12-75 | 12 | 75 | 260 | 168 | 211 | 214 | 22.5 | 6 |
| TPM-12-100 | 12 | 100 | 330 | 171 | 214 | 220 | 30 | 4.5 |
| TPM-12-120 | 12 | 120 | 409 | 176 | 225 | 225 | 35 | 4 |
| TPM-12-150 | 12 | 150 | 485 | 172 | 240 | 242 | 43 | 3.5 |
| TPM-12-200 | 12 | 200 | 522 | 238 | 218 | 221 | 60.5 | 3 |





PlusStore AGM VRLA lead acid batteries

TPM-12-7 (12V7Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 10h | 20h |
|----------|------|-------|-------|-------|-------|------|------|------|------|------|------|
| 9.90V | 26.0 | 16.4 | 13.1 | 7.32 | 4.51 | 2.49 | 1.79 | 1.43 | 1.22 | 0.66 | 0.36 |
| 10.2V | 24.9 | 15.7 | 12.6 | 7.10 | 4.40 | 2.47 | 1.77 | 1.42 | 1.21 | 0.66 | 0.35 |
| 10.5V | 23.8 | 15.1 | 12.2 | 6.93 | 4.31 | 2.43 | 1.76 | 1.41 | 1.20 | 0.66 | 0.35 |
| 10.8V | 22.5 | 14.2 | 11.5 | 6.67 | 4.18 | 2.37 | 1.71 | 1.37 | 1.16 | 0.64 | 0.35 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 5min | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 10h | 20h |
|----------|------|-------|-------|-------|-------|------|------|------|------|------|------|
| 9.90V | 290 | 185 | 149 | 83.9 | 52.3 | 29.1 | 21.2 | 17.0 | 14.5 | 7.95 | 4.28 |
| 10.2V | 278 | 177 | 144 | 81.4 | 50.9 | 28.9 | 21.1 | 16.9 | 14.4 | 7.92 | 4.26 |
| 10.5V | 266 | 170 | 139 | 79.4 | 49.9 | 28.4 | 20.9 | 16.8 | 14.3 | 7.87 | 4.23 |
| 10.8V | 251 | 160 | 131 | 76.5 | 48.4 | 27.7 | 20.3 | 16.3 | 13.9 | 7.71 | 4.15 |

TPM-12-12 (12V12Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 27.9 | 22.3 | 12.5 | 7.68 | 4.24 | 3.04 | 2.43 | 2.07 | 1.34 | 1.13 | 0.61 |
| 10.2V | 26.8 | 21.4 | 12.1 | 7.49 | 4.20 | 3.02 | 2.42 | 2.05 | 1.33 | 1.12 | 0.60 |
| 10.5V | 25.6 | 20.7 | 11.8 | 7.34 | 4.14 | 3.00 | 2.40 | 2.04 | 1.32 | 1.12 | 0.60 |
| 10.8V | 24.2 | 19.6 | 11.4 | 7.11 | 4.03 | 2.91 | 2.33 | 1.98 | 1.28 | 1.09 | 0.59 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 315 | 254 | 143 | 89.0 | 49.6 | 36.1 | 29.0 | 24.7 | 16.1 | 13.5 | 7.28 |
| 10.2V | 302 | 244 | 138 | 86.7 | 49.1 | 35.9 | 28.8 | 24.5 | 16.0 | 13.5 | 7.24 |
| 10.5V | 289 | 236 | 135 | 85.0 | 48.4 | 35.6 | 28.6 | 24.4 | 15.8 | 13.4 | 7.20 |
| 10.8V | 273 | 224 | 130 | 82.4 | 47.2 | 34.6 | 27.7 | 23.6 | 15.4 | 13.1 | 7.06 |

TPM-12-17 (12V17Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 39.6 | 31.5 | 17.7 | 10.9 | 6.00 | 4.31 | 3.45 | 2.93 | 1.90 | 1.60 | 0.86 |
| 10.2V | 37.9 | 30.4 | 17.1 | 10.6 | 5.95 | 4.28 | 3.42 | 2.91 | 1.88 | 1.59 | 0.86 |
| 10.5V | 36.3 | 29.3 | 16.7 | 10.4 | 5.86 | 4.25 | 3.40 | 2.89 | 1.87 | 1.58 | 0.85 |
| 10.8V | 34.3 | 27.8 | 16.1 | 10.1 | 5.71 | 4.12 | 3.30 | 2.80 | 1.81 | 1.55 | 0.83 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 446 | 359 | 202 | 126 | 70.2 | 51.2 | 41.1 | 35.0 | 22.8 | 19.2 | 10.3 |
| 10.2V | 428 | 346 | 196 | 123 | 69.6 | 50.8 | 40.8 | 34.7 | 22.6 | 19.1 | 10.3 |
| 10.5V | 410 | 334 | 191 | 120 | 68.6 | 50.5 | 40.5 | 34.5 | 22.4 | 19.0 | 10.2 |
| 10.8V | 387 | 317 | 184 | 117 | 66.8 | 49.0 | 39.3 | 33.5 | 21.8 | 18.6 | 10.0 |

TPM-12-20(12V20Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 46.6 | 37.1 | 20.8 | 12.8 | 7.06 | 5.07 | 4.06 | 3.45 | 2.23 | 1.88 | 1.01 |
| 10.2V | 44.6 | 35.7 | 20.1 | 12.5 | 7.00 | 5.04 | 4.03 | 3.42 | 2.22 | 1.87 | 1.01 |
| 10.5V | 42.7 | 34.5 | 19.7 | 12.2 | 6.90 | 5.00 | 4.00 | 3.40 | 2.20 | 1.86 | 1.00 |
| 10.8V | 40.3 | 32.7 | 18.9 | 11.9 | 6.72 | 4.85 | 3.88 | 3.30 | 2.13 | 1.82 | 0.98 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 525 | 423 | 238 | 148 | 82.6 | 60.2 | 48.3 | 41.2 | 26.8 | 22.6 | 12.1 |
| 10.2V | 504 | 407 | 231 | 145 | 81.9 | 59.8 | 48.0 | 40.9 | 26.6 | 22.5 | 12.1 |
| 10.5V | 482 | 393 | 225 | 142 | 80.7 | 59.4 | 47.6 | 40.6 | 26.4 | 22.3 | 12.0 |
| 10.8V | 455 | 373 | 217 | 137 | 78.6 | 57.6 | 46.2 | 39.4 | 25.6 | 21.9 | 11.8 |





PlusStore AGM VRLA lead acid batteries

TPM-12-26(12V26Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 58.2 | 46.4 | 26.0 | 16.0 | 9.18 | 6.59 | 5.27 | 4.48 | 2.90 | 2.44 | 1.31 |
| 10.2V | 55.8 | 44.7 | 25.2 | 15.6 | 9.10 | 6.55 | 5.24 | 4.45 | 2.88 | 2.43 | 1.31 |
| 10.5V | 53.4 | 43.1 | 24.6 | 15.3 | 8.96 | 6.50 | 5.20 | 4.42 | 2.86 | 2.42 | 1.30 |
| 10.8V | 50.4 | 40.9 | 23.7 | 14.8 | 8.74 | 6.31 | 5.04 | 4.29 | 2.77 | 2.37 | 1.27 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|
| 9.90V | 627.3 | 505.8 | 318.3 | 241.5 | 120.6 | 88.5 | 72.84 | 59.94 | 42.36 | 37.2 | 24.3 |
| 10.2V | 595.5 | 494.1 | 311.1 | 202.5 | 121.68 | 87.54 | 72.54 | 59.28 | 41.7 | 36.84 | 23.94 |
| 10.5V | 571.2 | 468 | 305.4 | 200.1 | 120.48 | 87.48 | 71.04 | 59.28 | 41.4 | 37.14 | 22.86 |
| 10.8V | 534.3 | 442.2 | 297.9 | 197.7 | 119.52 | 86.28 | 71.7 | 58.44 | 41.58 | 35.76 | 22.26 |

TPM-12-33 (12V33Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 67.2 | 53.1 | 32.3 | 20.2 | 12.0 | 8.37 | 6.86 | 5.86 | 4.02 | 3.35 | 1.76 |
| 10.2V | 64.4 | 51.2 | 31.4 | 19.6 | 11.9 | 8.31 | 6.81 | 5.82 | 3.99 | 3.34 | 1.76 |
| 10.5V | 61.7 | 49.4 | 30.6 | 19.3 | 11.7 | 8.25 | 6.77 | 5.78 | 3.96 | 3.32 | 1.74 |
| 10.8V | 58.2 | 46.8 | 29.5 | 18.7 | 11.4 | 8.00 | 6.56 | 5.60 | 3.84 | 3.30 | 1.73 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|-----|------|------|------|------|------|------|
| 9.90V | 726 | 584 | 363 | 230 | 139 | 98.4 | 80.7 | 69.2 | 47.7 | 40.0 | 21.1 |
| 10.2V | 696 | 562 | 352 | 224 | 138 | 97.7 | 80.1 | 68.7 | 47.4 | 39.9 | 21.1 |
| 10.5V | 666 | 543 | 343 | 219 | 136 | 97.0 | 79.6 | 68.3 | 47.0 | 39.7 | 20.9 |
| 10.8V | 629 | 514 | 331 | 213 | 132 | 94.1 | 77.2 | 66.2 | 45.6 | 39.4 | 20.8 |

TPM-12-40(12V40Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 81.5 | 64.4 | 39.2 | 24.4 | 14.5 | 10.1 | 8.31 | 7.10 | 4.87 | 4.06 | 2.13 |
| 10.2V | 78.1 | 62.0 | 38.0 | 23.8 | 14.4 | 10.1 | 8.26 | 7.05 | 4.83 | 4.05 | 2.13 |
| 10.5V | 74.8 | 59.9 | 37.1 | 23.3 | 14.2 | 10.0 | 8.20 | 7.00 | 4.80 | 4.03 | 2.11 |
| 10.8V | 70.6 | 56.8 | 35.7 | 22.6 | 13.8 | 9.70 | 7.95 | 6.79 | 4.66 | 4.00 | 2.10 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 9.90V | 1105.8 | 868.8 | 546.6 | 321 | 187.2 | 137.1 | 110.5 | 93.8 | 66.6 | 56.52 | 34.23 |
| 10.2V | 1092 | 853.2 | 542.1 | 319.2 | 186 | 136.2 | 109.1 | 93 | 66.2 | 56.04 | 33.9 |
| 10.5V | 1054.8 | 834 | 534 | 316.2 | 184.2 | 135 | 108 | 92.4 | 65.8 | 55.69 | 33.32 |
| 10.8V | 989.7 | 792 | 516.6 | 311.7 | 183 | 133.2 | 107.1 | 91.14 | 65.34 | 55.14 | 32.76 |

TPM-12-55(12V55Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 112 | 88.6 | 53.9 | 33.6 | 20.0 | 13.9 | 11.4 | 9.76 | 6.69 | 5.59 | 2.93 |
| 10.2V | 107 | 85.3 | 52.3 | 32.7 | 19.8 | 13.8 | 11.4 | 9.69 | 6.65 | 5.57 | 2.93 |
| 10.5V | 103 | 82.4 | 51.0 | 32.1 | 19.5 | 13.8 | 11.3 | 9.63 | 6.60 | 5.54 | 2.91 |
| 10.8V | 97.0 | 78.0 | 49.1 | 31.1 | 19.0 | 13.3 | 10.9 | 9.34 | 6.40 | 5.50 | 2.89 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|--------|-------|-------|-------|--------|--------|--------|--------|-------|-------|-------|
| 9.90V | 1224.9 | 979.5 | 611.1 | 380.4 | 221.52 | 160.02 | 128.76 | 108.96 | 75.72 | 64.08 | 39.6 |
| 10.2V | 1180.2 | 957.3 | 600.9 | 377.1 | 218.04 | 159.6 | 127.56 | 107.76 | 74.82 | 63 | 38.1 |
| 10.5V | 1122.6 | 918.9 | 586.8 | 372.9 | 216.54 | 157.74 | 126.66 | 106.86 | 74.76 | 63.3 | 38.22 |
| 10.8V | 1068.9 | 861 | 566.7 | 363.3 | 212.52 | 156.06 | 125.16 | 105.66 | 76.64 | 62.4 | 38.28 |





PlusStore AGM VRLA lead acid batteries

TPM-12-65(12V65Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 132 | 105 | 63.7 | 39.7 | 23.6 | 16.5 | 13.5 | 11.5 | 7.91 | 6.60 | 3.47 |
| 10.2V | 127 | 101 | 61.8 | 38.7 | 23.4 | 16.4 | 13.4 | 11.5 | 7.85 | 6.58 | 3.46 |
| 10.5V | 121 | 97.4 | 60.3 | 37.9 | 23.0 | 16.3 | 13.3 | 11.4 | 7.80 | 6.55 | 3.44 |
| 10.8V | 115 | 92.2 | 58.0 | 36.8 | 22.5 | 15.8 | 12.9 | 11.0 | 7.57 | 6.50 | 3.41 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|--------|--------|-------|-------|--------|--------|--------|--------|-------|-------|-------|
| 9.90V | 1498.2 | 1191.3 | 779.7 | 572.1 | 275.58 | 202.8 | 164.7 | 139.8 | 97.5 | 82.26 | 49.98 |
| 10.2V | 1448.7 | 1152.3 | 770.4 | 455.1 | 272.82 | 202.02 | 164.28 | 138.72 | 97.14 | 81.36 | 49.5 |
| 10.5V | 1402.2 | 1116.3 | 761.4 | 451.5 | 271.62 | 200.34 | 162.42 | 138.54 | 96.54 | 81.42 | 49.32 |
| 10.8V | 1311.6 | 1061.1 | 735.3 | 439.2 | 265.5 | 197.64 | 161.1 | 136.44 | 95.58 | 80.1 | 49.32 |

TPM-12-75(12V75Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 153 | 121 | 73.5 | 45.8 | 27.2 | 19.0 | 15.6 | 13.3 | 9.13 | 7.62 | 4.00 |
| 10.2V | 146 | 116 | 71.3 | 44.6 | 27.0 | 18.9 | 15.5 | 13.2 | 9.06 | 7.60 | 3.99 |
| 10.5V | 140 | 112 | 69.5 | 43.8 | 26.6 | 18.8 | 15.4 | 13.1 | 9.00 | 7.55 | 3.97 |
| 10.8V | 132 | 106 | 67.0 | 42.4 | 25.9 | 18.2 | 14.9 | 12.7 | 8.73 | 7.50 | 3.94 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|--------|--------|-------|-------|--------|--------|--------|--------|--------|-------|-------|
| 9.90V | 1804.5 | 1444.8 | 888 | 548.7 | 320.7 | 234.24 | 187.74 | 160.26 | 109.56 | 91.98 | 52.5 |
| 10.2V | 1740.3 | 1402.8 | 874.5 | 546.5 | 317.94 | 232.56 | 186.48 | 158.76 | 108.84 | 91.38 | 53.22 |
| 10.5V | 1662.6 | 1347 | 856.5 | 541.5 | 316.08 | 231.24 | 185.82 | 108.42 | 91.02 | 91.62 | 51.9 |
| 10.8V | 1573.8 | 1281 | 830.4 | 534 | 311.64 | 227.82 | 183.18 | 155.76 | 106.98 | 89.58 | 52.02 |

TPM-12-100(12V100Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 204 | 161 | 98.0 | 61.1 | 36.3 | 25.4 | 20.8 | 17.7 | 12.2 | 10.2 | 5.33 |
| 10.2V | 195 | 155 | 95.0 | 59.5 | 36.0 | 25.2 | 20.6 | 17.6 | 12.1 | 10.1 | 5.32 |
| 10.5V | 187 | 150 | 92.7 | 58.3 | 35.5 | 25.0 | 20.5 | 17.5 | 12.0 | 10.1 | 5.29 |
| 10.8V | 176 | 142 | 89.3 | 56.5 | 34.6 | 24.3 | 19.9 | 17.0 | 11.6 | 10.0 | 5.25 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 10min | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|--------|--------|--------|-------|--------|--------|--------|-------|--------|--------|------|
| 9.90V | 2364 | 1926.9 | 1203.9 | 744 | 420 | 301.68 | 238.26 | 198.9 | 136.08 | 114.06 | 64.8 |
| 10.2V | 2245.8 | 1861.8 | 1180.8 | 738.3 | 416.76 | 298.8 | 237.06 | 195 | 136.2 | 113.04 | 64.7 |
| 10.5V | 2169.3 | 1789.8 | 1147.2 | 732 | 414.06 | 297.18 | 235.62 | 191.4 | 135.54 | 112.5 | 64.5 |
| 10.8V | 2044.8 | 1729.8 | 1110.6 | 715.2 | 406.08 | 292.14 | 232.32 | 186.8 | 134.46 | 111.66 | 63.7 |

TPM-12-120(12V120Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 193 | 118 | 73.3 | 43.6 | 30.4 | 24.9 | 21.3 | 14.6 | 12.2 | 6.40 |
| 10.2V | 186 | 114 | 71.4 | 43.2 | 30.2 | 24.8 | 21.1 | 14.5 | 12.2 | 6.38 |
| 10.5V | 180 | 111 | 70.0 | 42.6 | 30.0 | 24.6 | 21.0 | 14.4 | 12.1 | 6.34 |
| 10.8V | 170 | 107 | 67.9 | 41.5 | 29.1 | 23.9 | 20.4 | 14.0 | 12.0 | 6.30 |





PlusStore AGM VRLA lead acid batteries

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 9.90V | 2122.5 | 1319.1 | 835.2 | 505 | 358 | 293.9 | 252.3 | 220 | 173.5 | 146 |
| 10.2V | 2044.3 | 1279.5 | 814 | 500.6 | 355.9 | 291 | 250 | 219 | 172 | 145.2 |
| 10.5V | 1974 | 1248.8 | 798.4 | 493.5 | 353 | 289.5 | 248 | 217 | 171.1 | 144.1 |
| 10.8V | 1870.2 | 1202.9 | 774 | 480 | 342.2 | 281 | 241.2 | 211.1 | 166 | 143 |

TPM-12-150(12V150Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 242 | 147 | 91.6 | 54.5 | 38.0 | 31.2 | 26.6 | 18.3 | 15.2 | 8.00 |
| 10.2V | 233 | 143 | 89.3 | 54.0 | 37.8 | 31.0 | 26.4 | 18.1 | 15.2 | 7.98 |
| 10.5V | 225 | 139 | 87.5 | 53.2 | 37.5 | 30.8 | 26.3 | 18.0 | 15.1 | 7.93 |
| 10.8V | 213 | 134 | 84.8 | 51.8 | 36.4 | 29.8 | 25.5 | 17.5 | 15.0 | 7.88 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|
| 9.90V | 3108.6 | 1925.9 | 1183.8 | 679.08 | 842.9 | 378.96 | 313.86 | 213.18 | 177.84 | 101.82 |
| 10.2V | 2939.7 | 1872.3 | 1171.5 | 674.4 | 479.5 | 376.74 | 313.26 | 211.86 | 175.86 | 100.56 |
| 10.5V | 2759.7 | 1796.4 | 1148.1 | 672.36 | 476.7 | 378.66 | 313.26 | 210.54 | 174.84 | 100.14 |
| 10.8V | 2589.9 | 1724.1 | 1123.5 | 667.5 | 474.9 | 372.72 | 307.92 | 208.32 | 173.22 | 99.24 |

TPM-12-200(12V200Ah)

Constant Current Discharge Characteristics (A, 25°C)

| F.V/TIME | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|-------|-------|-------|------|------|------|------|------|------|------|
| 9.90V | 322 | 196 | 122 | 72.6 | 50.7 | 41.6 | 35.5 | 24.3 | 20.3 | 10.7 |
| 10.2V | 310 | 190 | 119 | 72.0 | 50.4 | 41.3 | 35.2 | 24.2 | 20.3 | 10.6 |
| 10.5V | 300 | 185 | 117 | 70.9 | 50.0 | 41.0 | 35.0 | 24.0 | 20.1 | 10.6 |
| 10.8V | 284 | 179 | 113 | 69.1 | 48.5 | 39.8 | 34.0 | 23.3 | 20.0 | 10.5 |

Constant Power Discharge Characteristics (Watt, 25°C)

| F.V/TIME | 15min | 30min | 60min | 2h | 3h | 4h | 5h | 8h | 10h | 20h |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| 9.90V | 3849 | 2565 | 1538.4 | 935.22 | 675.48 | 531.36 | 432.36 | 268.5 | 231.4 | 130.5 |
| 10.2V | 3647.4 | 2464.2 | 1508.1 | 925.62 | 667.92 | 524.94 | 428.4 | 283.92 | 230.1 | 130.26 |
| 10.5V | 3368.1 | 2346 | 1446.7 | 908.16 | 658.32 | 519.78 | 422.88 | 280.62 | 227.1 | 129.66 |
| 10.8V | 3117 | 2222.1 | 1430.1 | 886.68 | 646.08 | 514.08 | 417.96 | 278.64 | 225.7 | 126.72 |





PlusStore AGM VRLA lead acid batteries

PlusStore series AGM lead-acid battery

TPM- 2V Long-Life AGM lead-acid series (Design floating charge life:15 year at 20°C)

| Model | Voltage (V) | Capacity (AH) | Dimension (mm) | | | | Weight (Kg) | Resistance mohm |
|------------|-------------|---------------|----------------|-----|-----|--------------|-------------|-----------------|
| | | | L | W | H | Total Height | | |
| TPM-2-100 | 2 | 100 | 171 | 72 | 206 | 209 | 5.4 | 0.8 |
| TPM-2-200 | 2 | 200 | 173 | 109 | 330 | 365 | 12.5 | 0.9 |
| TPM-2-300 | 2 | 300 | 171 | 151 | 330 | 365 | 17.5 | 0.75 |
| TPM-2-400 | 2 | 400 | 210 | 171 | 330 | 365 | 24.5 | 0.6 |
| TPM-2-500 | 2 | 500 | 241 | 171 | 330 | 365 | 29.5 | 0.5 |
| TPM-2-600 | 2 | 600 | 302 | 175 | 330 | 365 | 35.5 | 0.45 |
| TPM-2-800 | 2 | 800 | 410 | 175 | 330 | 365 | 48.5 | 0.35 |
| TPM-2-1000 | 2 | 1000 | 475 | 175 | 330 | 365 | 59.5 | 0.28 |
| TPM-2-1500 | 2 | 1500 | 400 | 350 | 345 | 382 | 94 | 0.2 |
| TPM-2-2000 | 2 | 2000 | 490 | 350 | 345 | 382 | 123 | 0.18 |
| TPM-2-3000 | 2 | 3000 | 710 | 350 | 345 | 382 | 175 | 0.11 |





PlusStore AGM VRLA lead acid batteries

PlusStore series AGM lead-acid battery

TPMG- 12V Long-Life AGM lead-acid series (Design floating charge life: 12 year at 20°C)

| Model | Voltage (V) | Capacity (AH) | Dimension (mm) | | | | Weight (Kg) | Resistance mohm |
|-------------|-------------|---------------|----------------|-----|-----|--------------|-------------|-----------------|
| | | | L | W | H | Total Height | | |
| TPMG-12-20 | 12 | 20 | 181 | 77 | 167 | 167 | 5.5 | 15 |
| TPMG-12-26 | 12 | 26 | 165 | 175 | 125 | 125 | 7.8 | 12 |
| TPMG-12-33 | 12 | 33 | 195 | 130 | 155 | 166 | 9.4 | 11 |
| TPMG-12-40 | 12 | 40 | 197 | 165 | 170 | 170 | 12.5 | 9 |
| TPMG-12-55 | 12 | 55 | 229 | 138 | 208 | 211 | 16.5 | 7 |
| TPMG-12-65 | 12 | 65 | 350 | 167 | 179 | 179 | 20.5 | 6.5 |
| TPMG-12-75 | 12 | 75 | 260 | 168 | 211 | 214 | 22.5 | 6 |
| TPMG-12-100 | 12 | 100 | 330 | 171 | 214 | 220 | 30 | 4.5 |
| TPMG-12-120 | 12 | 120 | 409 | 176 | 225 | 225 | 35 | 4 |
| TPMG-12-150 | 12 | 150 | 485 | 172 | 240 | 242 | 43 | 3.5 |
| TPMG-12-200 | 12 | 200 | 522 | 238 | 218 | 221 | 60.5 | 3 |





PlusStore AGM VRLA lead acid batteries

PlusStore series AGM lead-acid battery

TPMG- 2V Long-Life AGM lead-acid series (Design floating charge life: 15 year at 20°C)

| Model | Voltage (V) | Capacity (AH) | Dimension (mm) | | | | Weight (Kg) | Resistance mohm |
|-------------|-------------|---------------|----------------|-----|-----|--------------|-------------|-----------------|
| | | | L | W | H | Total Height | | |
| TPMG-2-100 | 2 | 100 | 171 | 72 | 206 | 209 | 5.4 | 0.8 |
| TPMG-2-200 | 2 | 200 | 173 | 109 | 330 | 365 | 12.8 | 0.9 |
| TPMG-2-300 | 2 | 300 | 171 | 151 | 330 | 365 | 17.5 | 0.75 |
| TPMG-2-400 | 2 | 400 | 210 | 171 | 330 | 365 | 24.5 | 0.6 |
| TPMG-2-500 | 2 | 500 | 241 | 171 | 330 | 365 | 29 | 0.5 |
| TPMG-2-600 | 2 | 600 | 302 | 175 | 330 | 365 | 32.5 | 0.45 |
| TPMG-2-800 | 2 | 800 | 410 | 175 | 330 | 365 | 48.5 | 0.35 |
| TPMG-2-1000 | 2 | 1000 | 475 | 175 | 330 | 365 | 59.5 | 0.28 |
| TPMG-2-1500 | 2 | 1500 | 400 | 350 | 345 | 382 | 94 | 0.2 |
| TPMG-2-2000 | 2 | 2000 | 490 | 350 | 345 | 382 | 124 | 0.18 |
| TPMG-2-3000 | 2 | 3000 | 710 | 350 | 345 | 382 | 175 | 0.11 |

