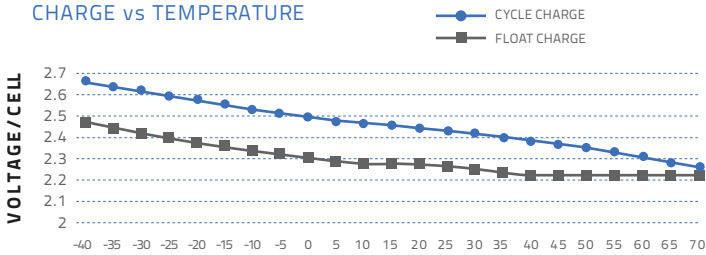




DISCHARGE CURRENT AND END VOLTAGE

| Discharge current (A) | End voltage (V) |
|--|-----------------|
| 0.05C or below or Intermittent discharge | 5.70 |
| 0.05C of current close to it | 5.55 |
| 0.1C of current close to it | 5.40 |
| 0.2C of current close to it | 5.25 |
| From 0.2C to 0.5C | 5.10 |
| From 0.5C to 1C | 4.80 |
| From 1C to 3C | 4.50 |
| Current in excess of 3C | 3.90 |

CHARGE vs TEMPERATURE



CHARGE vs TEMPERATURE CHART

| temperature | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Cycle Charge | 2.66 | 2.64 | 2.62 | 2.60 | 2.58 | 2.56 | 2.54 | 2.52 | 2.50 | 2.48 | 2.47 | 2.47 | 2.45 | 2.45 | 2.43 | 2.41 | 2.39 | 2.37 | 2.35 | 2.33 | 2.31 | 2.29 | 2.27 |
| Float Charge | 2.46 | 2.44 | 2.42 | 2.40 | 2.38 | 2.36 | 2.34 | 2.32 | 2.31 | 2.30 | 2.29 | 2.29 | 2.29 | 2.27 | 2.26 | 2.24 | 2.23 | 2.23 | 2.23 | 2.23 | 2.23 | 2.23 | 2.23 |

SPECIFICATION

| | | |
|--|---------------------------------|--|
| Nominal Voltage | 6V | |
| Rated Capacity (3 hour rate) | 210 AH | |
| Dimension | Total Height (top of terminal) | 275 mm 10.83" |
| | Height | 270 mm 10.63" |
| | Length | 260 mm 10.23" |
| | Width | 180 mm 7.09" |
| Weight | Approximately 35 kg / 77.09 lbs | |
| Capacity | 10 hour rate (26A) | 260 AH |
| | 5 hour rate (45A) | 225 AH |
| | 2 hour rate (90A) | 180 AH |
| Internal Resistance | Fully charged Battery (25°C) | =<1.5mΩ |
| Self-Discharge 25°C | Capacity after 3 month storage | 95% |
| | Capacity after 6 month storage | 85% |
| | Capacity after 12 month storage | 80% |
| Max Discharge Current 25°C | 2100A (5S) | |
| Terminal | Standard | M8 |
| | Optional | |
| Charging this battery (Constant Voltage) | Cyclic Application | Initial Charging Current 42A 7.35V (25°C) |
| | Float Application | 6.85V (25°C) |

CONSTANT CURRENT DISCHARGE CHARACTERISTICS: UNITS AMPERES (25°C)

| End Voltage per cell | 5min | 15min | 30min | 45min | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 12h | 20h | 24h |
|----------------------|------|-------|-------|-------|-----|------|------|------|------|------|------|------|------|------|------|
| 1.60V | 662 | 422 | 278 | 209 | 144 | 96.7 | 73.5 | 58.6 | 49.0 | 44.9 | 35.7 | 27.3 | 24.0 | 14.9 | 12.0 |
| 1.67V | 569 | 382 | 257 | 198 | 142 | 95.5 | 71.8 | 57.3 | 48.0 | 42.8 | 34.4 | 26.7 | 23.6 | 14.6 | 12.0 |
| 1.70V | 544 | 371 | 249 | 196 | 141 | 94.3 | 71.0 | 56.2 | 47.2 | 41.2 | 33.4 | 26.5 | 23.4 | 14.5 | 12.0 |
| 1.75V | 494 | 347 | 240 | 188 | 140 | 93.1 | 70.2 | 55.1 | 46.5 | 39.6 | 32.5 | 26.2 | 23.1 | 14.3 | 11.9 |
| 1.80V | 437 | 318 | 231 | 181 | 139 | 91.8 | 68.6 | 54.1 | 45.5 | 39.4 | 31.8 | 26.0 | 22.7 | 14.0 | 11.9 |
| 1.83V | 381 | 290 | 213 | 168 | 135 | 90.6 | 66.9 | 51.9 | 44.5 | 37.9 | 30.6 | 25.2 | 21.7 | 13.9 | 11.5 |
| 1.85V | 326 | 263 | 196 | 156 | 132 | 89.4 | 64.5 | 49.9 | 43.6 | 36.7 | 29.6 | 24.5 | 21.0 | 13.7 | 11.2 |

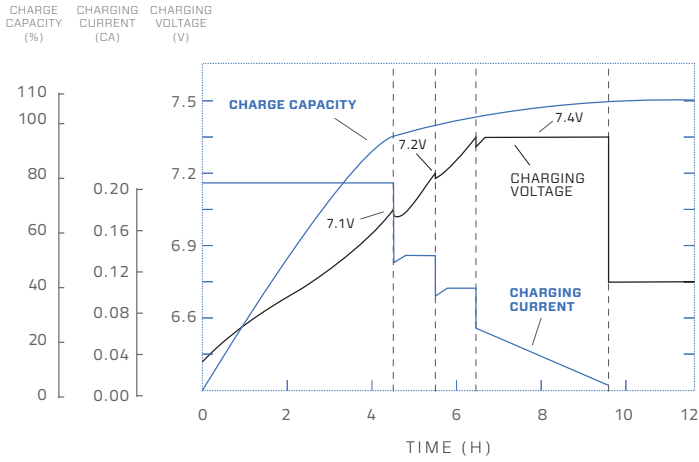
DISCHARGE DATA WITH CONSTANT POWER UNITS: WATTS PER CELL (25°C)

| End Voltage per cell | 5min | 15min | 30min | 45min | 1h | 2h | 3h | 4h | 5h | 6h | 8h | 10h | 12h | 20h | 24h |
|----------------------|------|-------|-------|-------|-----|-----|-----|------|------|------|------|------|-------|------|------|
| 1.60V | 1092 | 735 | 503 | 383 | 267 | 194 | 136 | 109 | 93.6 | 82.1 | 65.9 | 53.7 | 45.0 | 27.9 | 23.4 |
| 1.67V | 975 | 685 | 471 | 367 | 266 | 187 | 136 | 109 | 91.6 | 81.1 | 64.6 | 52.5 | 45.0 | 27.9 | 23.4 |
| 1.70V | 944 | 667 | 458 | 363 | 266 | 183 | 132 | 108 | 90.3 | 80.6 | 64.4 | 51.9 | 45.0 | 27.9 | 23.4 |
| 1.75V | 871 | 627 | 443 | 351 | 265 | 176 | 130 | 107 | 89.6 | 79.4 | 63.1 | 51.4 | 45.0 | 27.9 | 23.3 |
| 1.80V | 790 | 578 | 428 | 340 | 264 | 171 | 129 | 105 | 88.4 | 78.2 | 62.0 | 50.9 | 43.7 | 27.6 | 23.3 |
| 1.83V | 697 | 535 | 399 | 319 | 263 | 164 | 128 | 101 | 87.6 | 76.0 | 60.0 | 49.6 | 42.6 | 27.6 | 22.7 |
| 1.85V | 605 | 492 | 371 | 297 | 262 | 158 | 127 | 97.9 | 86.5 | 73.8 | 57.9 | 48.3 | 41.64 | 27.4 | 22.1 |



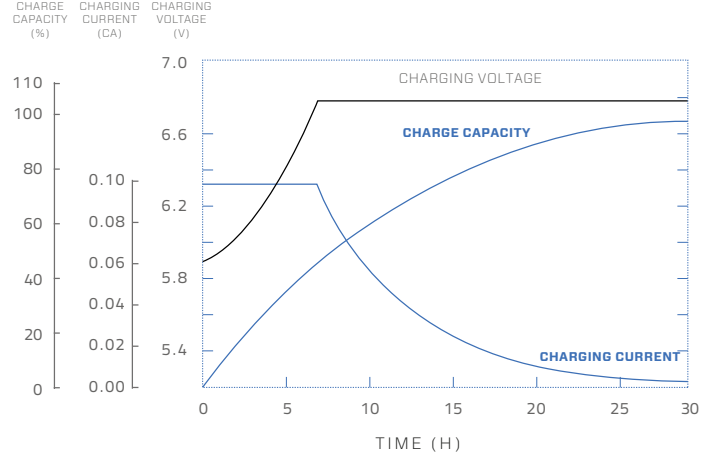
CYCLE CHARGE CHARACTERISTIC 77°F (25°C)

REGULAR CYCLE CHARGE CHARACTERISTICS 77°F (25°C)



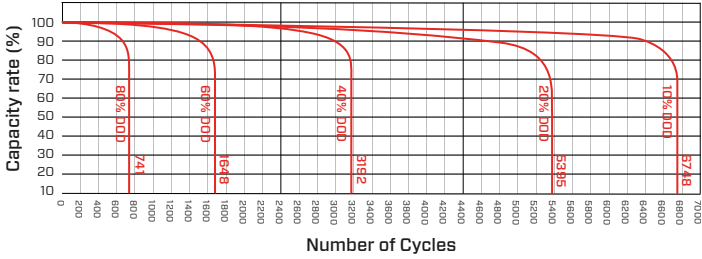
FLOATING CHARGE CHARACTERISTIC (25°C)

FLOATING CHARGE CHARACTERISTICS 77°F (25°C)

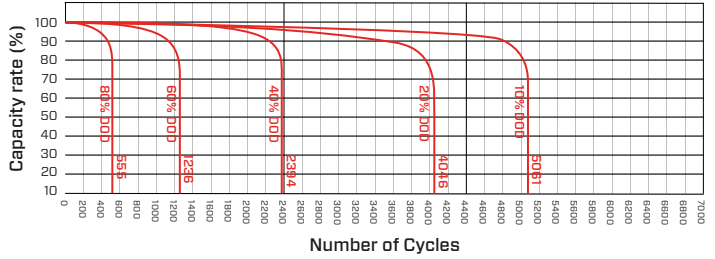


CYCLE LIFE CURVE GRAPH

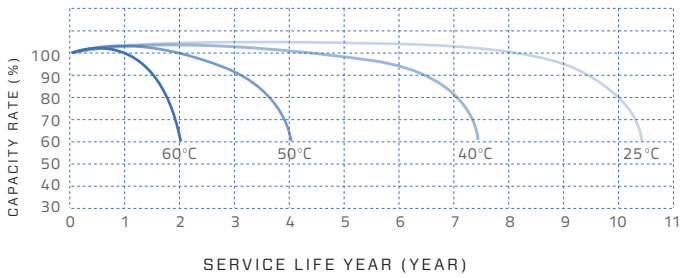
Cycle life curve graph (25°C)



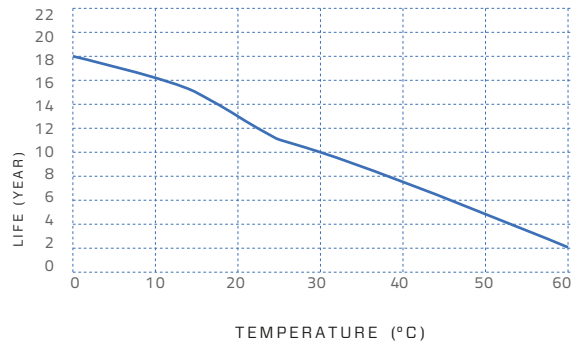
Cycle life curve graph (40°C)



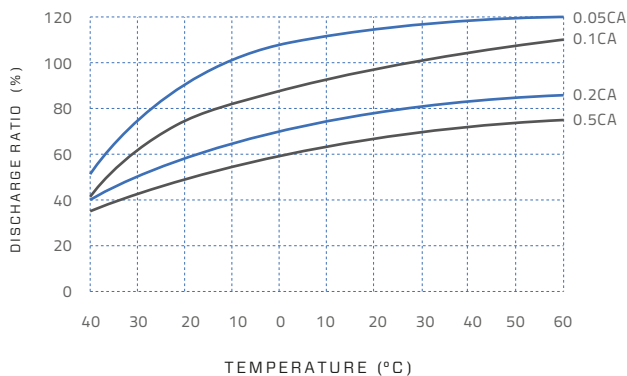
TEMPERATURE AND FLOAT SERVICE LIFE



FLOAT SERVICE LIFE CURVE GRAPH



TEMPERATURE & DISCHARGE CAPACITY



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