

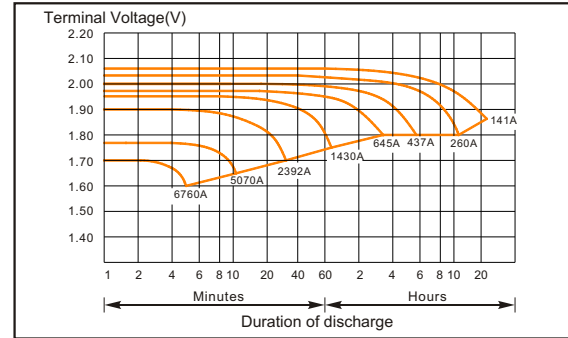
Specifications

| | | |
|------------------------------|--------|---------------------------|
| Nominal Voltage | | 2V |
| Rated Capacity(10 hourrate) | | 2600Ah(25 °C) |
| Total Height(with terminals) | | 398mm (15.67 inches) |
| Dimension | Height | 371mm (14.61 inches) |
| | Length | 518mm (20.39 inches) |
| | Width | 357mm (14.06 inches) |
| Weight | | Approx. 169Kg (372.57lbs) |

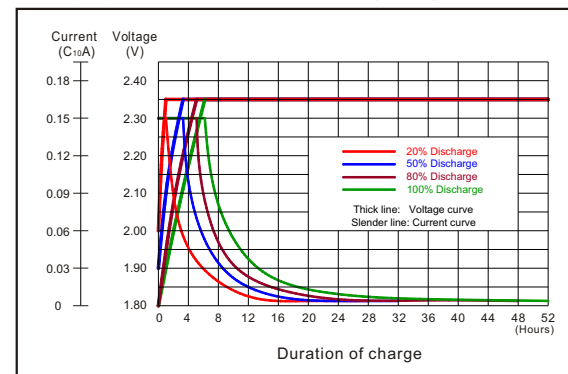
Characteristics

| | | |
|--------------------------------------|--------------------------------|---------------------|
| Capacity (25 °C) | 20Hr | 2834Ah |
| | 10Hr | 2600Ah |
| | 5Hr | 2184Ah |
| | 1Hr | 1430Ah |
| Internal Resistance(Full charged) | | 0.06 mΩ (25 °C) |
| Capacity affected by temperature | 40 °C | 109% |
| | 25 °C | 100% |
| | 0 °C | 88% |
| | -15 °C | 76% |
| Self-Discharge (25 °C) | Capacity after 3 month storage | 92% |
| Charging(25 °C) | Cycle | 2.35V,390A or small |
| | Float | 2.23V,390A or small |
| Temperature compensation coefficient | | -0.003V / °C |

Discharging Characteristics Curves (25 °C)



Charging Characteristics Curves (25 °C)



Constant current discharge (Ampere @25 °C)

| Final Voltage (V/cell) | Minute | | | | | | | Hour | | | | | | | |
|------------------------|--------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| | 5 | 10 | 15 | 20 | 30 | 40 | 50 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 10 |
| 1.85 | 4836 | 4160 | 2730 | 2205 | 1846 | 1590 | 1404 | 1300 | 835 | 632 | 510 | 421 | 364 | 304 | 255 |
| 1.80 | 5200 | 4368 | 3276 | 2535 | 2054 | 1745 | 1482 | 1352 | 848 | 645 | 528 | 437 | 369 | 312 | 260 |
| 1.75 | 5720 | 4628 | 3640 | 2817 | 2106 | 1804 | 1560 | 1430 | 858 | 660 | 536 | 450 | 377 | 315 | 263 |
| 1.70 | 6188 | 4888 | 3796 | 3037 | 2392 | 1902 | 1638 | 1482 | 876 | 673 | 538 | 452 | 381 | 317 | 265 |
| 1.65 | 6500 | 5070 | 3926 | 3133 | 2470 | 1976 | 1742 | 1560 | 900 | 681 | 541 | 455 | 382 | 320 | 265 |
| 1.60 | 6760 | 5200 | 4030 | 3250 | 2600 | 2054 | 1820 | 1612 | 915 | 686 | 543 | 458 | 385 | 320 | 268 |

Constant power discharge (Watt/cell @25 °C)

| Final Voltage (V/cell) | Minute | | | | | | | Hour | | | | | | | |
|------------------------|--------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|
| | 5 | 10 | 15 | 20 | 30 | 40 | 50 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 10 |
| 1.85 | 8424 | 7488 | 4914 | 3900 | 3302 | 2964 | 2704 | 2444 | 1560 | 1196 | 983 | 819 | 697 | 569 | 497 |
| 1.80 | 9360 | 7852 | 5902 | 4550 | 3692 | 3120 | 2808 | 2574 | 1638 | 1238 | 1004 | 853 | 718 | 608 | 507 |
| 1.75 | 10296 | 8320 | 6552 | 4888 | 3796 | 3276 | 2899 | 2652 | 1664 | 1256 | 1017 | 879 | 746 | 616 | 512 |
| 1.70 | 11154 | 8788 | 6838 | 5200 | 3978 | 3432 | 2977 | 2704 | 1690 | 1266 | 1019 | 884 | 751 | 621 | 515 |
| 1.65 | 11700 | 9126 | 7046 | 5486 | 4134 | 3536 | 3029 | 2756 | 1716 | 1274 | 1022 | 889 | 757 | 624 | 517 |
| 1.60 | 12168 | 9360 | 7254 | 5850 | 4264 | 3614 | 3068 | 2782 | 1742 | 1284 | 1024 | 892 | 762 | 627 | 520 |

This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Contact Coslight for the last information.