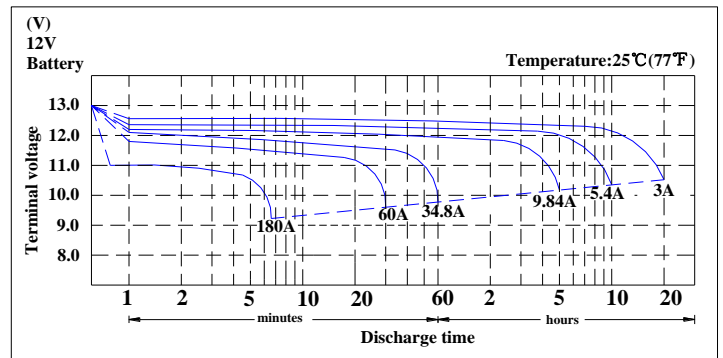


**Specifications**

|                               |                               |                          |
|-------------------------------|-------------------------------|--------------------------|
| Nominal Voltage               |                               | 12V                      |
| Rated Capacity (20 hour rate) |                               | 60AH                     |
| Dimension                     | Total Height (with terminals) | 188mm(7.40inches)        |
|                               | Height                        | 188mm(7.40inches)        |
|                               | Length                        | 265mm(10.43inches)       |
|                               | Width                         | 166mm(6.54inches)        |
| Weight                        |                               | Approx.20.7kg (45.64lbs) |

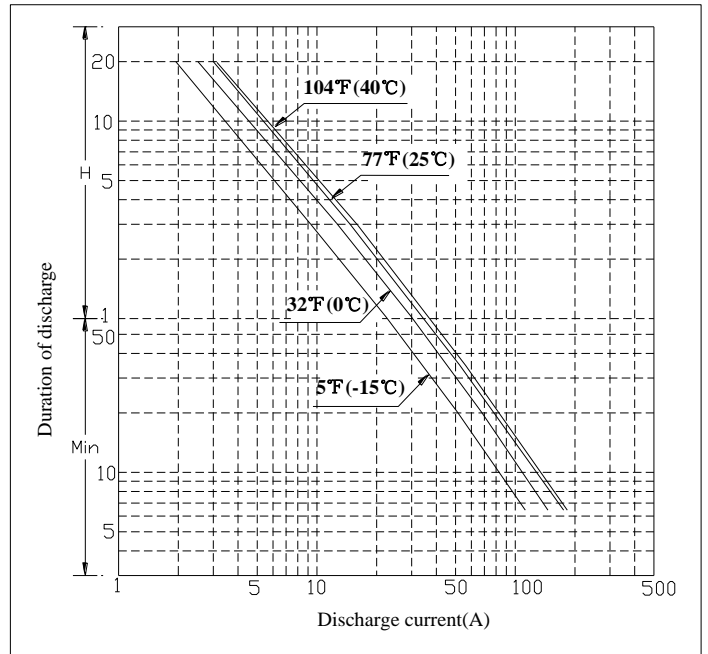
**Discharge characteristics 77°F (25°C)**



**Characteristics**

|   |  |  |
|---|--|--|
| Capacity<br>77°F (25°C)                               | 20 hour rate (3 A to 10.5Volts)                            | 60AH   |
|   | 10 hour rate (5.4A to 10.5Volts)                           | 54AH   |
|   | 5 hour rate (9.84A to 10.2Volts)                           | 49.2AH   |
| Internal Resistance                                   | Full charged 77°F (25°C)                                   | 7mΩ  |
| Capacity affected<br>by Temperature<br>(20 hour rate) | 104°F (40°C)   | 102%   |
|   | 77°F (25°C)  | 100%   |
|   | 32°F (0°C)   | 85%  |
|   | 5°F (-15°C)  | 65%  |
| Self-Discharge<br>77°F (25°C)                         | Capacity after 3 month storage                             | 91%  |
|   | Capacity after 6 month storage                             | 82%  |
|   | Capacity after 12 month storage                            | 64%  |
| Standard Terminal                                     | AP   |  |
| Max. Discharge Current 77°F (25°C)                    | 900A (5s)  |  |
| Cranking Performance                                  | Cranking Amps<br>(30-sec amps to 7.2V @ 32° F (0° C)       | 485A   |
|   | Cold Cranking Amps<br>(30-sec amps to 7.2V @ 0° F (-18° C) | 410A   |
| Reserve Capacity<br>(Minutes to 10.5V at 80°F (27°C)  | @ 25Amps   | 95Min  |
|   | @ 75Amps   | 24Min  |
| Charging<br>(Constant Voltage)                        | Cycle  | Initial Charging Current 12A Or Small<br>14.5V~14.9V/77°F (25°C) |
|   | Float  | 13.6V~13.8V/77°F (25°C)  |

**Duration of discharge vs. Discharge current**



**Constant Current Discharge Rating Amperes @ 77 °F (25°C)**

|                        |     |      |      |      |      |       |      |      |      |      |      |      |
|------------------------|-----|------|------|------|------|-------|------|------|------|------|------|------|
| Cut off voltage V/cell | 15M | 30M  | 45M  | 1H   | 2H   | 3H    | 5H   | 8H   | 10H  | 12H  | 20H  | 24H  |
| 1.75V                  | 87  | 55.9 | 41.3 | 34.1 | 18.1 | 13.58 | 9.52 | 6.53 | 5.40 | 4.60 | 3.00 | 2.51 |