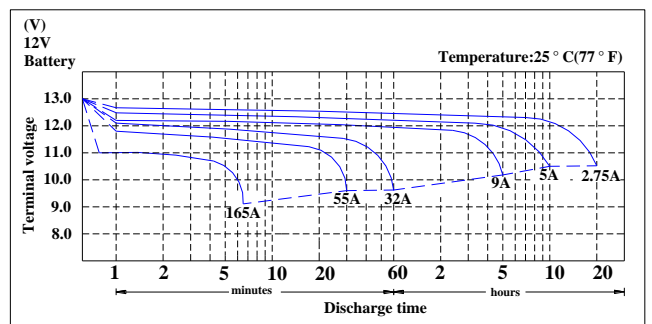


Specifications

| | | |
|-------------------------------|-------------------------------|--------------------------|
| Nominal Voltage | | 12V |
| Rated Capacity (20 hour rate) | | 55AH |
| Dimension | Total Height (with terminals) | 212mm(8.35inches) |
| | Height | 208mm(8.19inches) |
| | Length | 229mm(9.02inches) |
| | Width | 138mm(5.43inches) |
| Weight | | Approx.17.6kg (38.80lbs) |

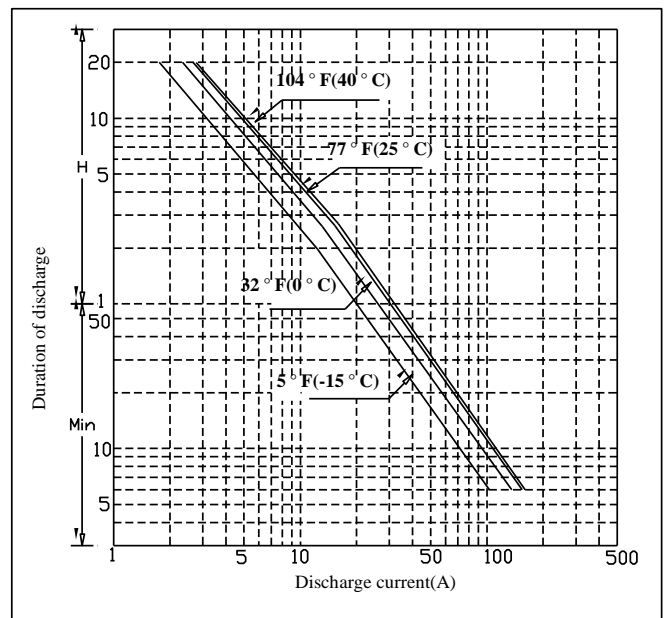
Discharge characteristics 77°F (25°C)



Characteristics

| | | |
|---|---|--|
| Capacity 77°F (25°C) | 20 hour rate (2.75A to 10.5Volts) | 55AH |
| | 10 hour rate (5A to 10.5Volts) | 50AH |
| | 5 hour rate (9A to 10.2Volts) | 45AH |
| Internal Resistance | Full charged 77°F (25°C) | 8mΩ |
| Capacity affected by Temperature (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 77°F (25°C) | Capacity after 3 month storage | 91% |
| | Capacity after 6 month storage | 82% |
| | Capacity after 12 month storage | 64% |
| Standard Terminal | M6 | |
| Max. Discharge Current 77°F (25°C) | 825A (5s) | |
| Cranking Performance | Cranking Amps (30-sec amps to 7.2V @ 32° F (0° C)) | 480A |
| | Cold Cranking Amps (30-sec amps to 7.2V @ 0° F (-18° C)) | 400A |
| Reserve Capacity (Minutes to 10.5V at 80°F (27°C)) | @ 25Amps | 85Min |
| | @ 75Amps | 21Min |
| Charging (Constant Voltage) | Cycle | Initial Charging Current 11A or Small 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 | 81 | 49 | 41 | 31.3 | 16.6 | 12.5 | 8.7 | 6.0 | 5.00 | 4.22 | 2.75 | 2.30 |