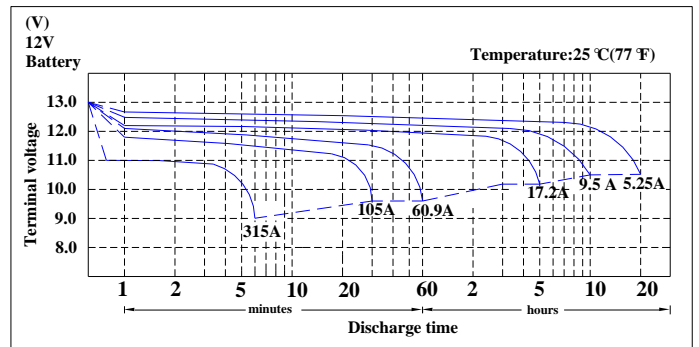


Specifications

| | | |
|-------------------------------|-------------------------------|---------------------------|
| Nominal Voltage | | 12V |
| Rated Capacity (20 hour rate) | | 105AH |
| Dimension | Total Height (with terminals) | 215mm(8.46 inches) |
| | Height | 211mm(8.31 inches) |
| | Length | 307mm(12.09inches) |
| | Width | 169mm(6.65inches) |
| Weight | | Approx.30.2 kg (66.58lbs) |

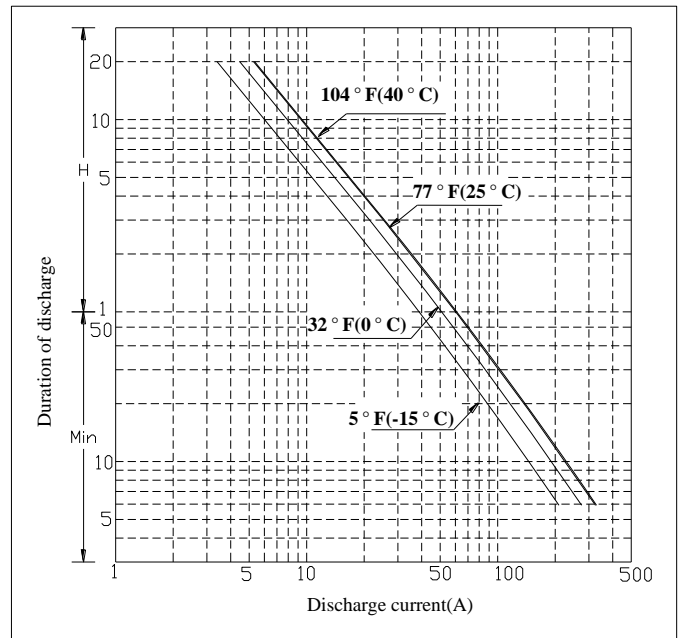
Discharge characteristics 77°F (25°C)



Characteristics

| | | |
|---|---|--------|
| Capacity 77°F (25°C) | 20 hour rate (5.25A to 10.5Volts) | 105AH |
| | 10 hour rate (9.5 A to 10.5Volts) | 95AH |
| | 5 hour rate (17.2A to 10.2Volts) | 86AH |
| Internal Resistance | Full charged Battery 77°F (25°C) | 4.0mΩ |
| 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) | 1050A (5s) | |
| Cranking Performance | Cranking Amps (30-sec amps to 7.2V @ 32° F (0° C)) | 660A |
| | Cold Cranking Amps (30-sec amps to 7.2V @ 0° F (-18° C)) | 550A |
| Reserve Capacity (Minutes to 10.5V at 80°F (27°C)) | @ 25Amps | 170Min |
| | @ 75Amps | 40Min |
| Charging (Constant Voltage) | Cycle Initial Charging Current 21A 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 | 145 | 93 | 69 | 56.8 | 30.1 | 22.6 | 15.9 | 10.9 | 9.00 | 7.67 | 5.25 | 4.46 |