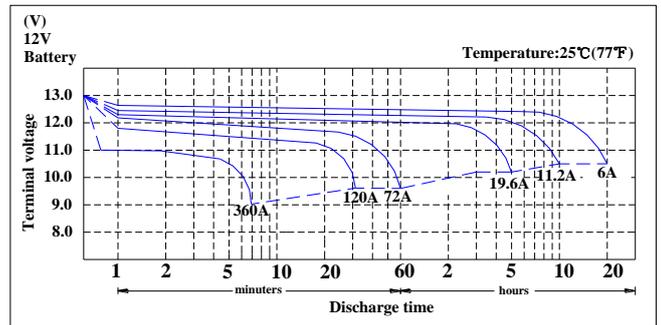


Specifications

| | | |
|-------------------------------|-------------------------------|--------------------------|
| Nominal Voltage | | 12V |
| Rated Capacity (20 hour rate) | | 120AH |
| Dimension | Total Height (with terminals) | 218mm(8.58inches) |
| | Height | 214mm(8.43 inches) |
| | Length | 331mm(13.03inches) |
| | Width | 175mm(6.89inches) |
| Weight | | Approx.36.5kg (80.47lbs) |

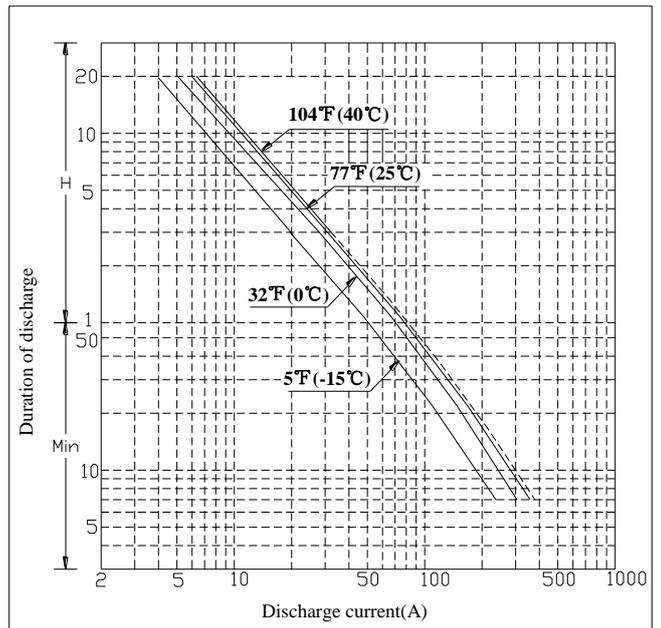
Discharge characteristics 77 °F (25 °C)



Characteristics

| | | |
|---|---|--|
| Capacity 77°F (25°C) | 20 hour rate (6A to 10.5Volts) | 120AH |
| | 10 hour rate (11.2 to 10.5Volts) | 112AH |
| | 5 hour rate (19.6A to 10.2Volts) | 98AH |
| Internal Resistance | Full charged 77°F (25°C) | 3.8mΩ |
| Standard Terminal | M8 | |
| 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% |
| Max. Discharge Current 77°F (25°C) | 1200A (5s) | |
| Cranking Performance | Cranking Amps (30-sec amps to 7.2V @ 32° F (0° C)) | 910A |
| | Cold Cranking Amps (30-sec amps to 7.2V @ 0° F (-18° C)) | 760A |
| Reserve Capacity (Minutes to 10.5V at 80°F (27°C)) | @ 25Amps | 230Min |
| | @ 75Amps | 54Min |
| Charging (Constant Voltage) | Cycle | Initial Charging Current 24A 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 | 182 | 110.3 | 90.3 | 75.5 | 42.2 | 29.2 | 19.1 | 13.65 | 11.16 | 9.6 | 6.0 | 5.03 |

Note The above data are average values, and can be obtained with 3 charge/discharge cycles. These are not minimum values.