

Zenith



ZL1201110

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

| Cut off voltage V/cell | 30M | 45M | 1H | 2H | 3H | 5H | 8H | 10H | 12H | 20H | 24H |
|------------------------|-------|------|------|------|------|----|------|------|------|------|-----|
| 1.75V | 135.3 | 99.9 | 82.4 | 43.7 | 32.9 | 23 | 15.8 | 13.1 | 11.1 | 7.25 | 6.1 |

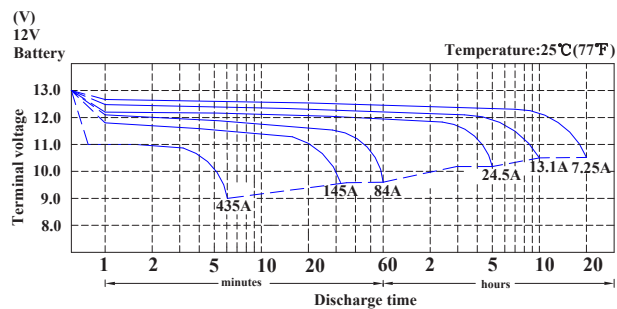
Characteristics

| | | |
|--|--|----------------------------|
| Capacity 25°C (77°F) | 20 hour rate (7.25A to 10.5Volts) 10 hour rate (13.1A to 10.5Volts) 5 hour rate (24.5A to 10.2Volts) | 145AH 131AH 122AH |
| Internal Resistance | Full charged Battery 25°C (77°F) | 3.6mΩ |
| Capacity affected by Temperature (20 hour rate) | 40°C (104°F) 25°C (77°F) 0°C (32°F) -15°C (5°F) | 102% 100% 85% 65% |
| Self-Discharge 25°C (77°F) | Capacity after 3 month storage Capacity after 6 month storage Capacity after 12 month storage | 91% 82% 64% |
| Standard Terminal | M8 | |
| Max. Discharge Current 25°C (77°F) | 1400A (5s) | |
| Cranking Performance | Cranking Amps (30-sec amps to 7.2V @ 0°C (32°F)) Cold Cranking Amps (30-sec amps to 7.2V @ -18°C (0°F)) | 975A 820A |
| Reserve Capacity (Minutes to 10.5V at 27°C (80°F)) | @ 25Amps @ 75Amps | 279Min 86Min |
| Charging (Constant Voltage) | Cycle Initial Charging Current 27A Or Small 14.4V~14.9V/ 25°C (77°F) Float 13.6V~13.8V/ 25°C (77°F) | |

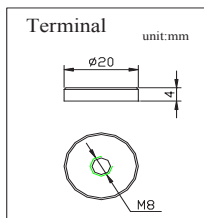
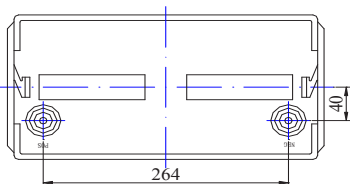
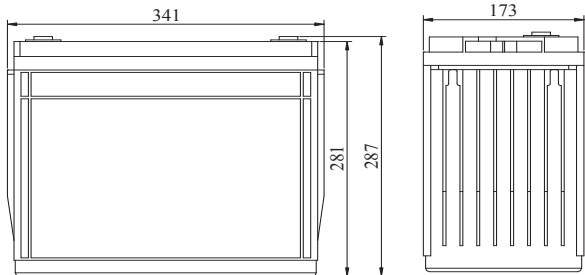
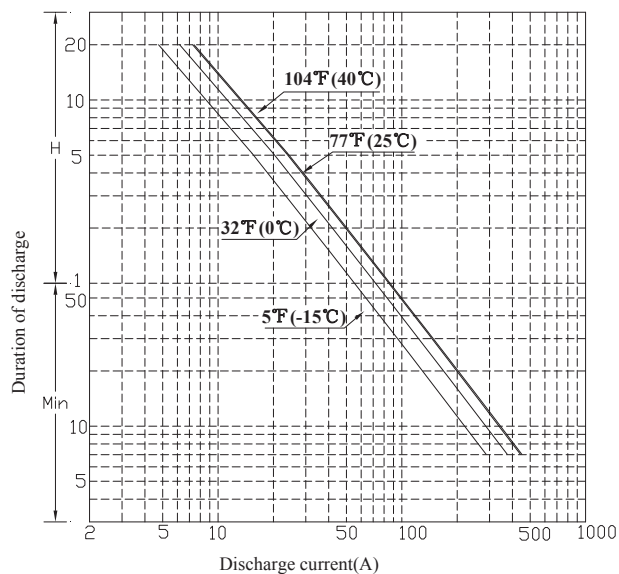
Specifications

| | | |
|-------------------------------|----------------------------------|----------------------|
| Nominal Voltage | 12V | |
| Rated Capacity (20 hour rate) | 145Ah | |
| Dimension | Total Height (with terminals) | 287mm (11.30 inches) |
| | Height | 281mm (11.06 inches) |
| | Length | 341mm (13.43 inches) |
| | Width | 173mm (6.81 inches) |
| Weight | Approx. 44.3 kg (97.46lbs) | |

Discharge characteristics 25°C (77°F)



Duration of discharge vs. Discharge current



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/specification are subject to modification without notice. Contact U.B.S. UNION BATTERY SERVICE for the latest information.

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