

GENERAL INFORMATION

12 V 35 Ah is a general purpose battery with 3 to 5 years in standby service or more than 400 cycles at 50 % depth of discharge in cycle service.

57335 - 12 V 35 Ah

SPECIFICATIONS

| | |
|---|--------------------------------|
| Nominal Voltage: | 12 V |
| Nominal Capacity (20 hrs): | 35.0 Ah |
| Dimensions | |
| Total Height: | 178 mm (7 in.) |
| Container Height: | 165 mm (6 ^{1/2} in.) |
| Length: | 197 mm (7 ^{3/4} in.) |
| Width: | 132 mm (5 ^{3/16} in.) |
| Weight: | Approx 10.50 Kg (23.10 lbs) |
| Container Material: | UL94HB ABS UL94V-0 ABS |
| Internal Resistance (25 °C, 77 °F): | ~18 m Ω |
| Discharge Capacity Under Different Temperatures | |
| 40 °C: | ~102 % |
| 25 °C: | ~100 % |
| 0 °C: | ~85 % |

CHARACTERISTICS

Capacity 25 °C / 77 °C

| | |
|------------------|---------|
| 20 hrs @ 1.75 A: | 35 Ah |
| 5 hrs @ 5.6 A: | 28 Ah |
| 1 hrs @ 21 A: | 21 Ah |
| 1 C @ 35 A: | 17.5 Ah |

Charging Voltage (25 °C, 77 °F)

| | |
|--------------|------------------|
| Standby Use: | 13.65 V ± 0.15 V |
| Cycle Use: | 14.7 V ± 0.3 V |

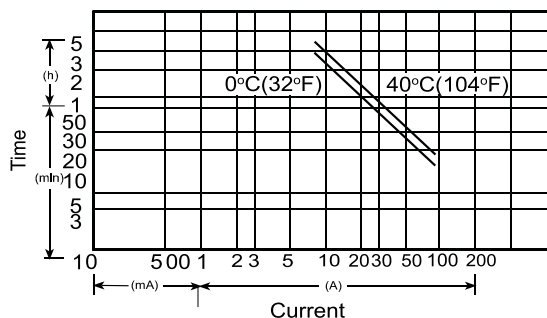
Max Discharge Current: 300 A (5 sec)

Max Charging Current: 10.5 A

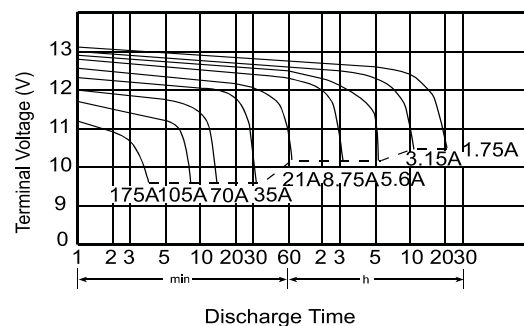
Self-Discharge Residual Capacity (25 °C, 77 °F)

| | |
|------------------|-------|
| After 3 Months: | ~90 % |
| After 6 Months: | ~82 % |
| After 12 Months: | ~70 % |

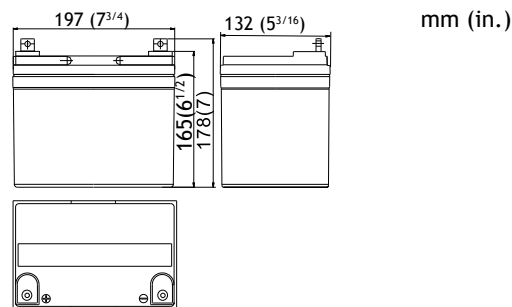
DISCHARGE CURRENT VS TIME



DISCHARGE CHARACTERISTICS 25 °C (77 °F)

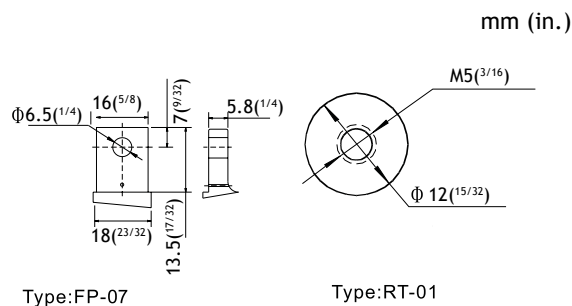


DIMENSIONS



Tolerances are +/-1/32 in. (+/-1mm) and +/-3/32 in. (+/-2mm) for height dimensions.

TERMINAL



Data is based upon tests performed in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

August 28, 2014

