

Specification

NOMINAL VOLTAGE : 12 Vdc
 RATED CAPACITY : 28W/Cell @ 15Min. to 1.6V (25°C/77 °F)

DIMENSIONS

TOTAL HEIGHT : 100 mm (3.94 inches)
 CONTAINER HEIGHT : 94 mm (3.70 inches)
 LENGTH : 151 mm (5.94 inches)
 WIDTH : 65 mm (2.56 inches)
 WEIGHT : APPROX 2.25 Kg (4.96 lbs)
CONTAINER MATERIAL : UL94HB ABS
 : UL94V-0 ABS

INTERNAL RESISTANCE (25°C/77°F) : ~22m Ω
 DESIGNED LIFE TIME : 5 YEAR

DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES

40°C : ~102%
 25°C : ~100%
 0°C : ~85%

CHARGING VOLTAGE (25 °C / 77 °F)

STANDBY USE : 13.65V ± 0.15 V
 CYCLE USE : 14.7V ±0.3V
 MAX DISCHARGE CURRENT : 90 A (5 sec)
 MAX CHARGING CURRENT : 2.10 A

SELF-DISCHARGE RESIDUAL CAPACITY (25 °C / 77 °F)

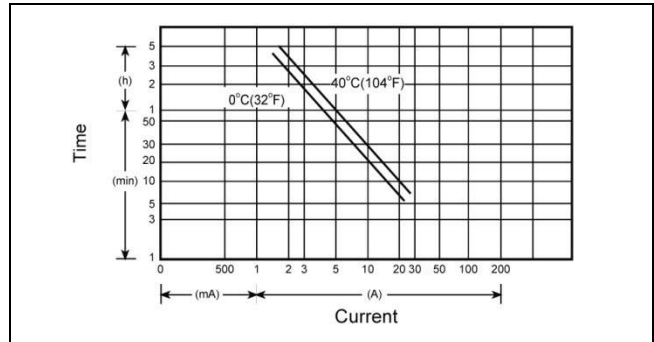
AFTER 3 MONTHS : ~90%
 AFTER 6 MONTHS : ~82%
 AFTER 12 MONTHS : ~70%

Constant power discharge `Watts` (25 °C / 77 °F)

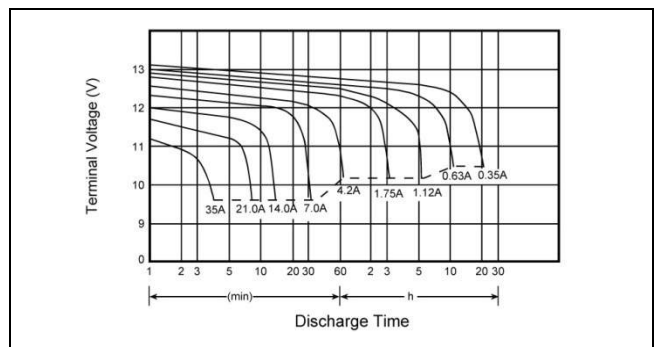
Time Cutoff	5 min	10 min	15 min	20 min	30 min	45 min	60 min
1.6	53.5	37.3	28.1	23.0	17.1	12.6	9.9
1.65	51.8	35.6	27.7	22.8	17.0	12.5	9.8
1.7	49.6	33.7	26.9	22.3	16.7	12.4	9.8
1.75	46.2	31.7	26.1	21.7	16.3	12.3	9.8
1.8	42.2	29.4	25.0	20.8	16.0	12.1	9.6

Time Cutoff	1.5 h.	2 h.	3 h.	4 h.	5 h.	8 h.	10 h.
1.6	7.0	5.5	3.9	3.1	2.6	1.8	1.5
1.65	7.0	5.5	3.9	3.1	2.6	1.8	1.5
1.7	6.9	5.5	3.9	3.1	2.6	1.8	1.5
1.75	6.9	5.5	3.9	3.1	2.6	1.8	1.5
1.8	6.8	5.3	3.8	3.1	2.6	1.8	1.5

Discharge Current vs Time



Discharge Characteristics @ 25°C (77°F)



Dimensions

