

# TYSONIC NON-SPILLABLE SEALED RECHARGEABLE BATTERY

## TY12900 12V, 90.0Ah

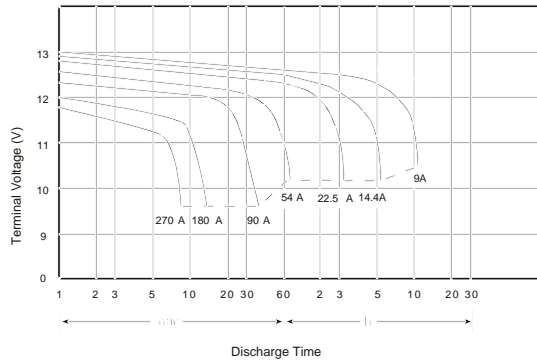
### ☆ SPECIFICATION

- NOMINAL VOLTAGE : 12 V
- NOMINAL CAPACITY(10 hrs) : 90.0 Ah
- DIMENSIONS
  - TOTAL HEIGHT : 228.5 mm ( 9.00 inches )
  - CONTAINER HEIGHT : 207.5 mm ( 8.17 inches )
  - LENGTH : 304 mm ( 11.97 inches )
  - WIDTH : 168 mm ( 6.61 inches )
- WEIGHT : APPROX 30.50 Kg ( 67.24 lbs )
- MAX DISCHARGE CURRENT : 720 A ( 5 sec )
- STANDARD TERMINALS : FP-16,FP-17
- CONTAINER MATERIAL : GENERAL GRADE ABS
- MAX CHARGING CURRENT : 27 A
- DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURE
  - 40°C : 102%
  - 25°C : 100%
  - 0 °C : 85%

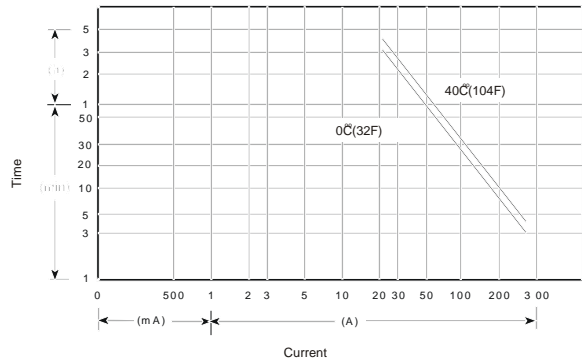
### ☆ CHARACTERISTICS

- CAPACITY 25 C / 77 F
  - 10 hr @ 9.0 A : 90 Ah
  - 5 hr @ 14.4 A : 72 Ah
  - 1 hr @ 54 A : 54 Ah
  - 1 C @ 90 A : 45 Ah
- INTERNAL RESISTANCE() : 6.5 mΩ @ 25°C, 77 F Ω
- CHARGING VOLTAGE ( 25C , 77 F )
  - STANDBY USE : 2.2750.025 V/CELL
  - : (-3.3mV / C / CELL)
  - CYCLE USE : 2.450.05 V/CELL
  - : (-5 mV / C / CELL)
- SELF-DISCHARGE RESIDUAL CAPACITY( 25C , 77 F )
  - AFTER 3 MONTHS : 90%
  - AFTER 6 MONTHS : 82%
  - AFTER 12 MONTHS : 70%

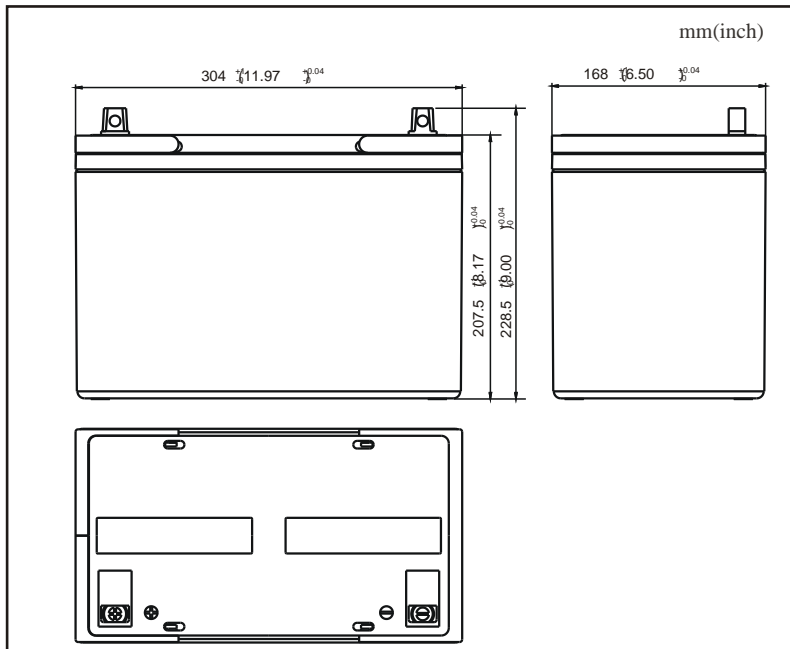
Discharge Characteristics 25 C (77 F)



Discharge Current vs Time



### ☆ Dimensions



### ☆ Terminal

