

## General Application

12VC2.9 is a general purpose battery with 3~5 years in standby service or more than 400 cycles at 50% depth of discharge in cycle service.

## Unit Specification

• NOMINAL VOLTAGE	: 12 V
• NOMINAL CAPACITY(20 hr)	: 2.9 Ah
• DIMENSIONS	
TOTAL HEIGHT	: 105 mm ( 4.13 inches )
CONTAINER HEIGHT	: 99 mm ( 3.90 inches )
LENGTH	: 79 mm ( 3.11 inches )
WIDTH	: 56 mm ( 2.20 inches )
• NET WEIGHT(UNIT)	: APPROX 1.21 Kg ( 2.67lbs )
• CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
• INTERNAL RESISTANCE( 25°C , 77 °F )	: ~70mΩ
• DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

## Characteristics

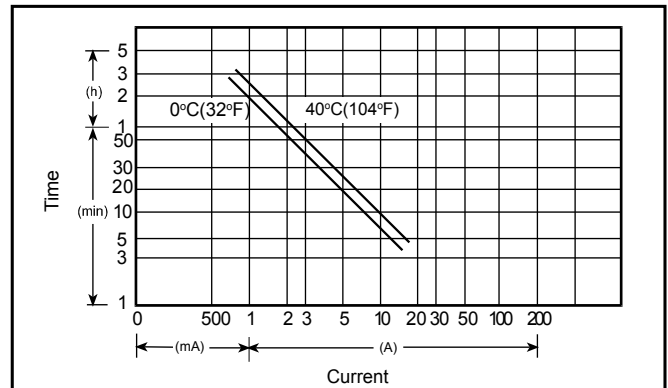
• CAPACITY 25 °C / 77 °F	
20 hr @ 0.145 A	: 2.9 Ah
5 hr @ 0.464 A	: 2.32 Ah
1 hr @ 1.74 A	: 1.74 Ah
1 C @ 2.9 A	: 1.45 Ah
• CHARGING VOLTAGE ( 25°C , 77 °F )	
STANDBY USE	: 13.65V±0.15 V
CYCLE USE	: 14.7V±0.3V
• MAX DISCHARGE CURRENT	: 60 A ( 5 sec )
• MAX CHARGING CURRENT	: 0.87 A
• SELF-DISCHARGE RESIDUAL CAPACITY( 25°C , 77 °F )	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~70%

## Packaging and Weights

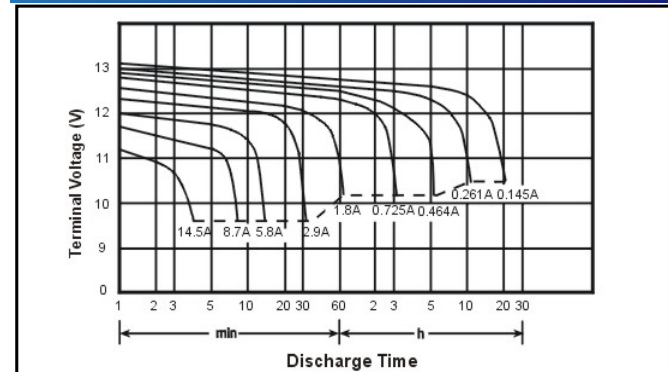
- CASE LOT SIZE : 10Pcs
- NET WEIGHT(UNIT) : 1.21Kg (2.67lbs)
- GROSS WEIGHT(CASE SIZE) : 13.10Kg (28.88lbs)

# 12VC2.9 12V2.9Ah

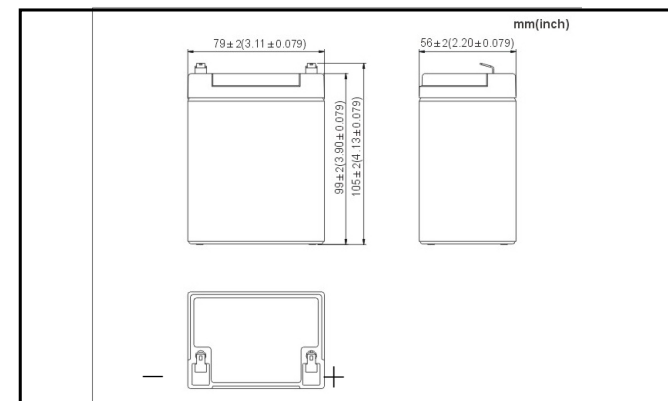
## Discharge Current vs Time



## Discharge Characteristics @25 °C ( 77 °F )



## Dimensions



## Terminal

