



# GH645

## 6 volt 4.5 Ah

GH645 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.

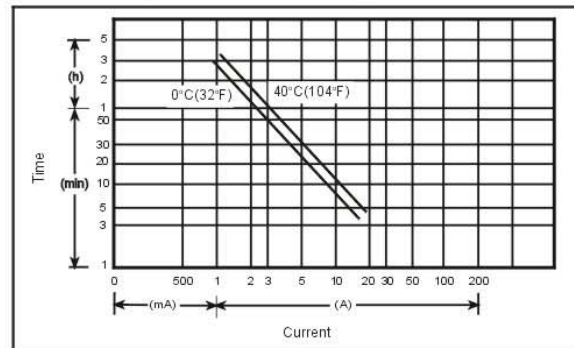
### ☆ SPECIFICATION

● NOMINAL VOLTAGE	: 6 V
● NOMINAL CAPACITY(20 hrs)	: 4.0 Ah
● DIMENSIONS	
TOTAL HEIGHT	: 107 mm ( 4.21 inches )
CONTAINER HEIGHT	: 101 mm ( 3.98 inches )
LENGTH	: 70 mm ( 2.76 inches )
WIDTH	: 47 mm ( 1.85 inches )
● WEIGHT	: APPROX 0.84 Kg ( 1.85 lbs )
● CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
● INTERNAL RESISTANCE( 25°C , 77 °F )	: ~18mΩ
● DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

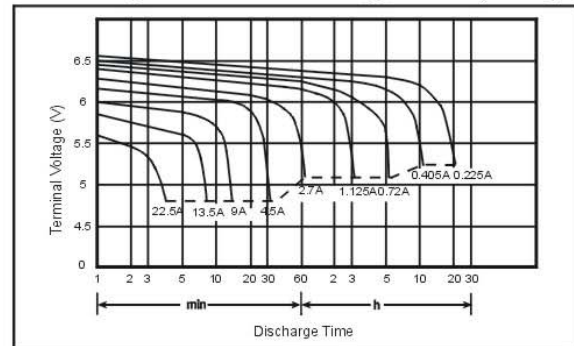
### ☆ CHARACTERISTICS

● CAPACITY 25 °C / 77 °F	
20 hr @ 0.225 A	: 4.5 Ah
5 hr @ 0.72A	: 3.6 Ah
1 hr @ 2.7 A	: 2.7 Ah
1 C @ 4.5 A	: 2.25 Ah
● CHARGING VOLTAGE ( 25°C , 77 °F )	
STANDBY USE	: 6.825V ± 0.075 V
CYCLE USE	: 7.35V ± 0.15 V
● MAX DISCHARGE CURRENT	: 60A ( 5 sec )
● MAX CHARGING CURRENT	: 1.35 A
● SELF-DISCHARGE RESIDUAL CAPACITY( 25°C , 77 °F )	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~70%

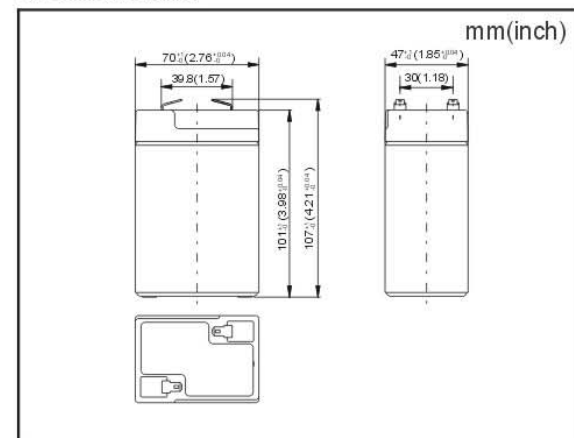
### ☆ Discharge Current vs Time



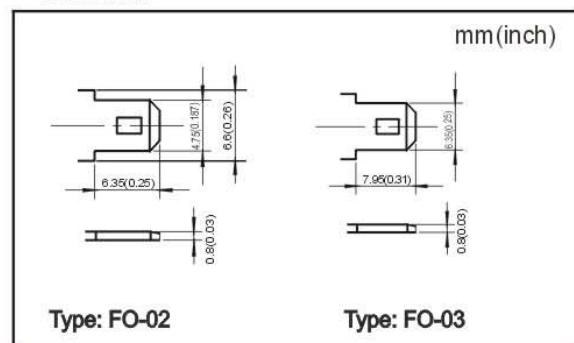
### ☆ Discharge Characteristics @ 25 °C ( 77 °F )



### ☆ Dimensions



### ☆ Terminal



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