

ELA-12V-4.5AH 12V 4.5Ah (.187)

General Application

ELA-12V-4.5AH 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.

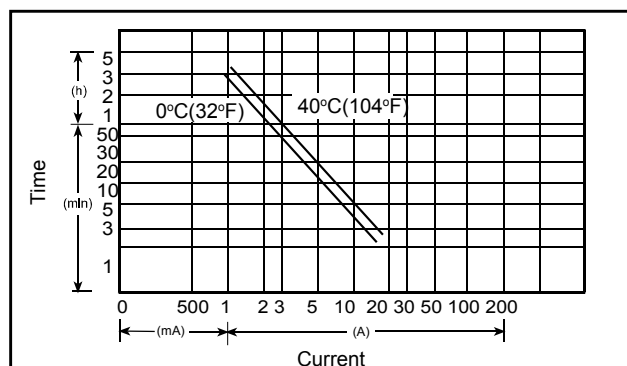
Specification

• NOMINAL VOLTAGE	: 12 V
• NOMINAL CAPACITY(20 hr)	: 4.5 Ah
• DIMENSIONS	
TOTAL HEIGHT	: 107 mm (4.21 inches)
CONTAINER HEIGHT	: 101 mm (3.98 inches)
LENGTH	: 90 mm (3.54 inches)
WIDTH	: 70 mm (2.76 inches)
• WEIGHT	: APPROX 1.64 Kg (3.61 lbs)
• CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
• INTERNAL RESISTANCE(25°C , 77 °F)	: ~34mΩ
• DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

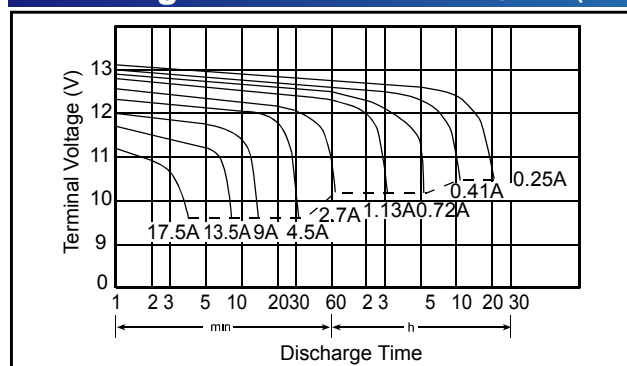
Characteristics

• CAPACITY 25 °C / 77 °F	
20 hr @ 0.225 A	: 4.5 Ah
5 hr @ 0.72 A	: 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	: 13.65V±015 V
CYCLE USE	: 14.7V±0.3 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%

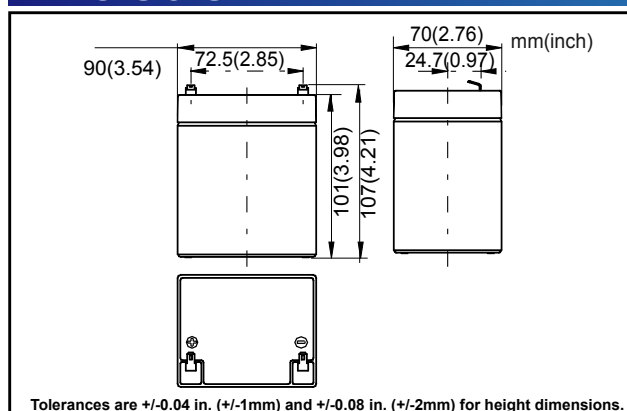
Discharge Current vs Time



Discharge Characteristics @25 °C (77 °F)



Dimensions



Terminal

