Intepower Canada Ltd.

6VC7.2 6V7.2Ah

General Application

6VC7.2 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	: 6 V
NOMINAL CAPACITY(20 hr)	: 7.2 Ah
DIMENSIONS	
TOTAL HEIGHT	: 100 mm (3.94 inches)
CONTAINER HEIGHT	: 94 mm (3.70 inches)
LENGTH	: 151 mm (5.94 inches)
WIDTH	: 34 mm (1.34 inches)
NET WEIGHT(UNIT)	: APPROX 1.15 Kg (2.54 lbs)
CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
INTERNAL RESISTANCE(25°C , 77 °F) : ~16mΩ	
DISCHARGE CAPACITY UNDER DIFFERENT TEMPERATURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

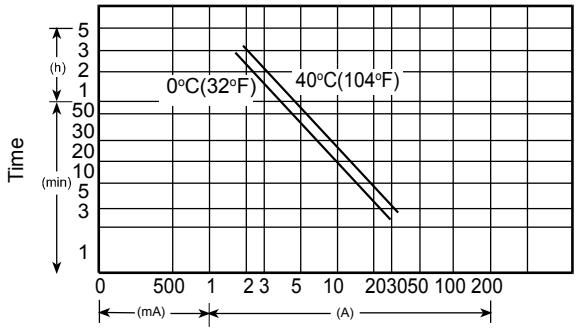
Characteristics

CAPACITY 25 °C / 77 °F	
20 hr @ 0.36 A	: 7.2 Ah
5 hr @ 1.15A	: 5.76 Ah
1 hr @ 4.32 A	: 4.32 Ah
1 C @ 7.2 A	: 3.6 Ah
CHARGING VOLTAGE (25°C , 77 °F)	
STANDBY USE	: 6.825V±0.075 V
CYCLE USE	: 7.35V±0.15 V
MAX DISCHARGE CURRENT : 90 A (5 sec)	
MAX CHARGING CURRENT : 2.16 A	
SELF-DISCHARGE RESIDUAL CAPACITY(25°C , 77 °F)	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~70%

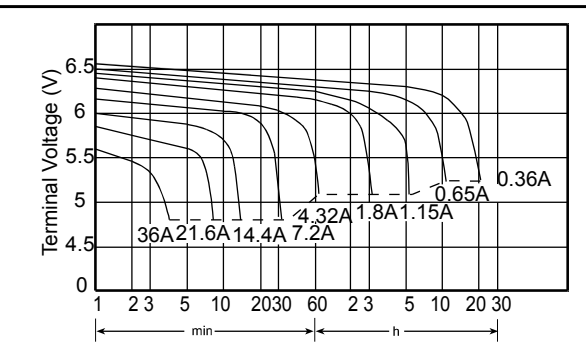
Packaging and Weights

CASE LOT SIZE	: 10Pcs
NET WEIGHT(UNIT)	: 1.15Kg (2.54lbs)
GROSS WEIGHT(CASE SIZE)	: 12.50Kg (27.56lbs)

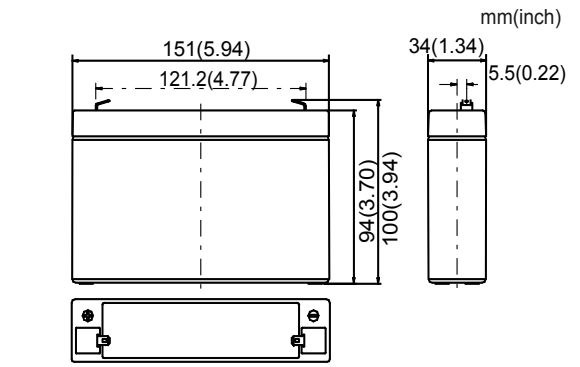
Discharge Current vs Time

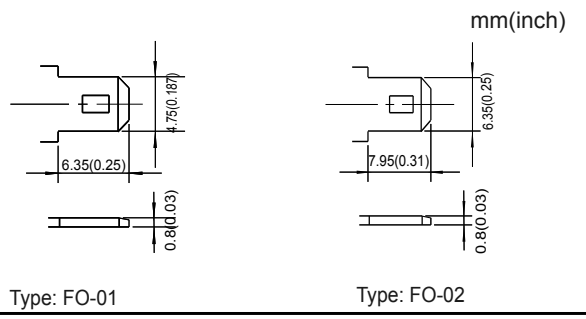


Discharge Characteristics @25 °C (77 °F)



Dimensions



Tolerances are +/-0.04 in. (+/-1mm) and +/-0.08 in. (+/-2mm) for height dimensions.

Terminal