Intepower Canada Ltd.

12VC2.2 12V2.2Ah

General Application

12VC2.2 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	: 12 V
NOMINAL CAPACITY(20 hr)	: 2.2 Ah
DIMENSIONS	
TOTAL HEIGHT	: 67 mm (2.64 inches)
CONTAINER HEIGHT	: 60 mm (2.36 inches)
LENGTH	: 178 mm (7.01 inches)
WIDTH	: 35 mm (1.38 inches)
NET WEIGHT(UNIT)	: APPROX 0.96 Kg (2.12lbs)
CONTAINER MATERIAL	: UL94HB ABS
	: UL94V-0 ABS
INTERNAL RESISTANCE(25°C , 77 °F) : ~45mΩ	
DISCHARGE CAPACITY UNDER DIFFERENT TEMPERA TURES	
40°C	: ~102%
25°C	: ~100%
0 °C	: ~85%

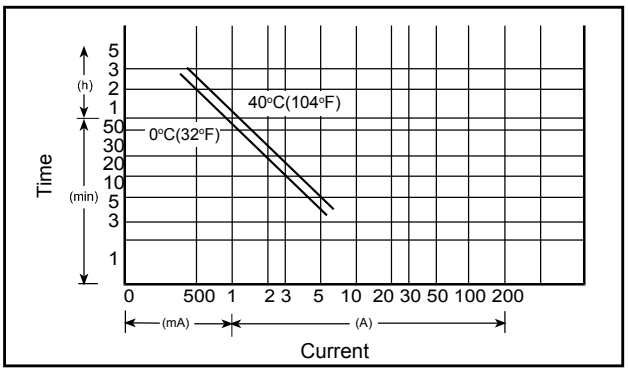
Characteristics

CAPACITY 25 °C / 77 °F	
20 hr @ 0.11 A	: 2.2 Ah
5 hr @ 0.35 A	: 1.76 Ah
1 hr @ 1.32 A	: 1.32 Ah
1 C @ 2.2 A	: 1.1 Ah
CHARGING VOLTAGE (25°C , 77 °F)	
STANDBY USE	: 13.65V ±0.15V
CYCLE USE	: 14.7V ±0.3 V
MAX DISCHARGE CURRENT	: 30 A (5 sec)
MAX CHARGING CURRENT	: 0.66 A
SELF-DISCHARGE RESIDUAL CAPACITY(25°C , 77 °F)	
AFTER 3 MONTHS	: ~90%
AFTER 6 MONTHS	: ~82%
AFTER 12 MONTHS	: ~70%

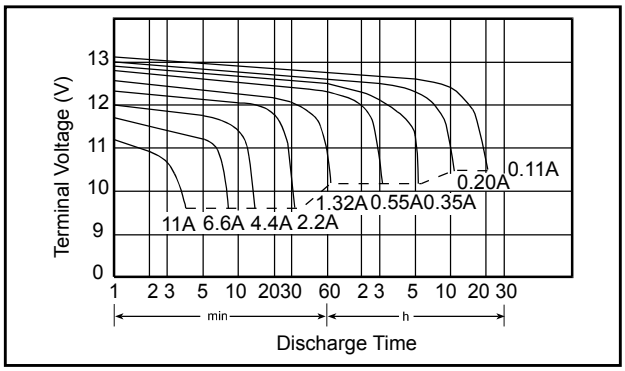
Packaging and Weights

CASE LOT SIZE	: 20Pcs
NET WEIGHT(UNIT)	: 0.96Kg (2.12lbs)
GROSS WEIGHT(CASE SIZE)	: 20.20Kg (44.53lbs)

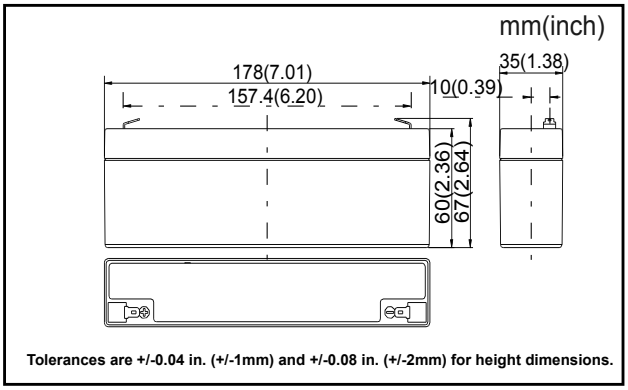
Discharge Current vs Time



Discharge Characteristics @25 °C (77 °F)

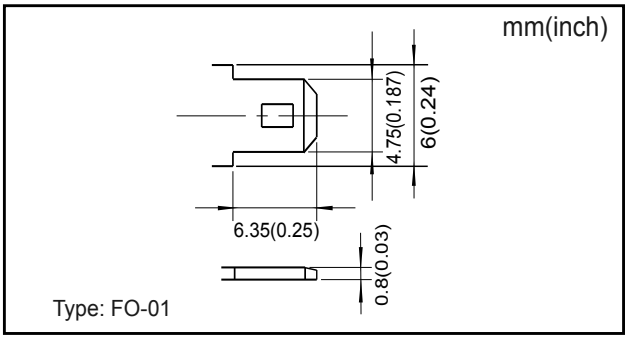


Dimensions



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

Terminal



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