

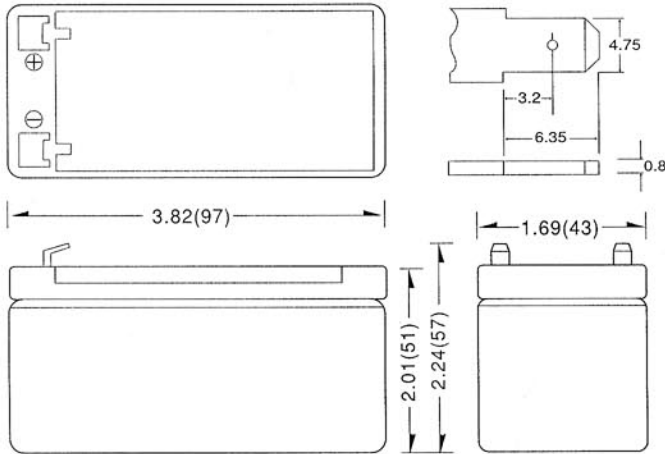
# NP 1.2-12



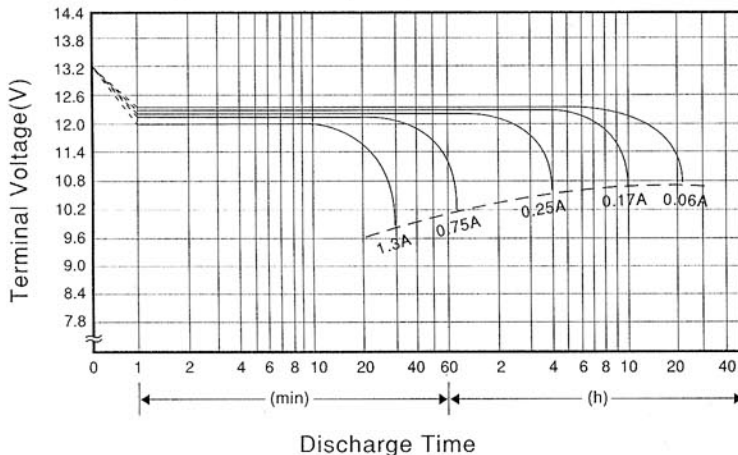
## Used for

telecommunications equipment  
 uninterruptible power supplies  
 emergency lighting  
 security and fire systems  
 medical equipment  
 toys and hobbies  
 portable battery appliances

Unit : inch(mm)



Discharge curves 77°F(25°C)\*



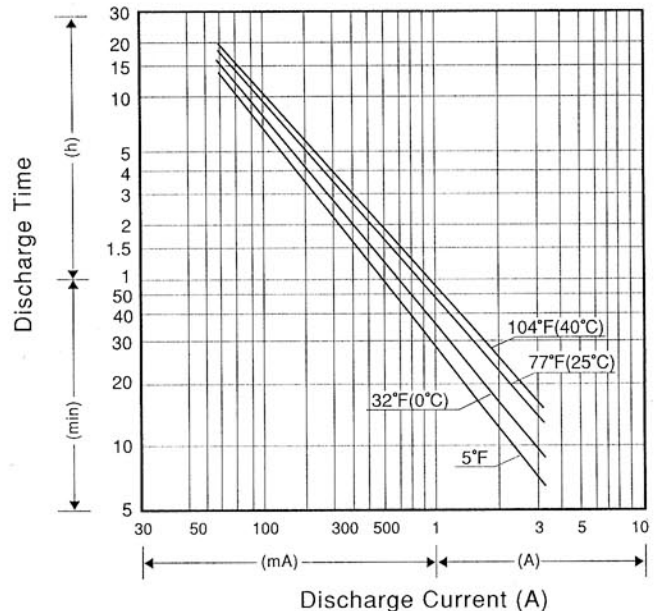
## ■ Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		1.2 Ah
Dimensions	Total Height (with terminals)	2.24 inches ( 57 mm)
	Height	2.01 inches ( 51 mm)
	Length	3.82 inches ( 97 mm)
	Width	1.69 inches ( 43 mm)
Weight		Approx. 1.39 lbs (630g)

## ■ Characteristics

Capacity* 77°F (25°C)	20 hour rate ( 60 mA)	1.20Ah
	10 hour rate ( 117 mA)	1.17Ah
	5 hour rate ( 195 mA)	0.975Ah
	1 hour rate ( 800 mA)	0.80Ah
	1.5 hour discharge to 10.5V	0.50A
Internal Resistance	Full Charged Battery 77°F(25°C)	25mΩ
Capacity affected by Temperature (20hour rate)	104°F ( 40°C)	102%
	77°F ( 25°C)	100%
	32°F ( 0°C)	83%
	5°F (-15°C)	62%
Self-Discharge 77°F (25°C)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	82%
	Capacity after 9 month storage	62%
Charge (Constant Voltage)	Cycle	Initial Charge Current less than 0.5A Voltage 14.8~15.3V / 12V 77°F(25°C)
	Stand By	Voltage 13.8~14.3V / 12V 77°F(25°C)

## ■ Discharging Current & Discharge Duration Time\*



\*The above data are average values. and can be obtained within 3 charge / discharge cycles. These are not minimum values.