

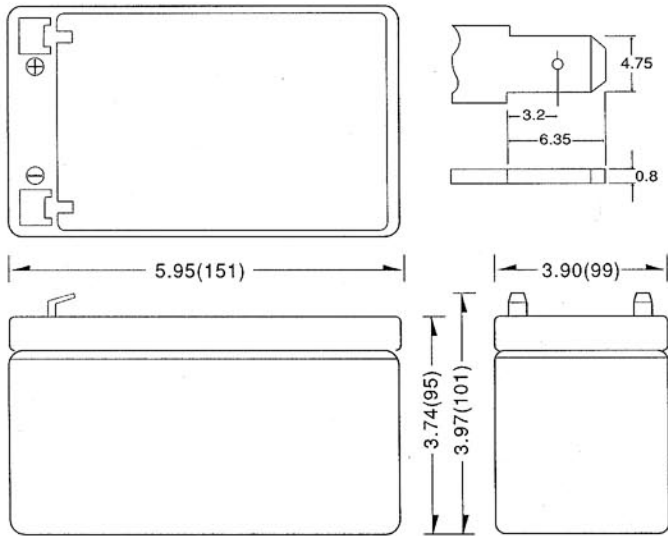
NP 12-12



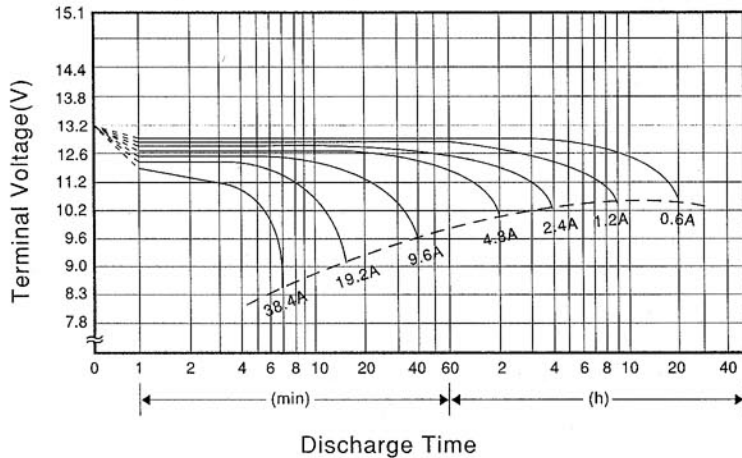
Used for

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)*



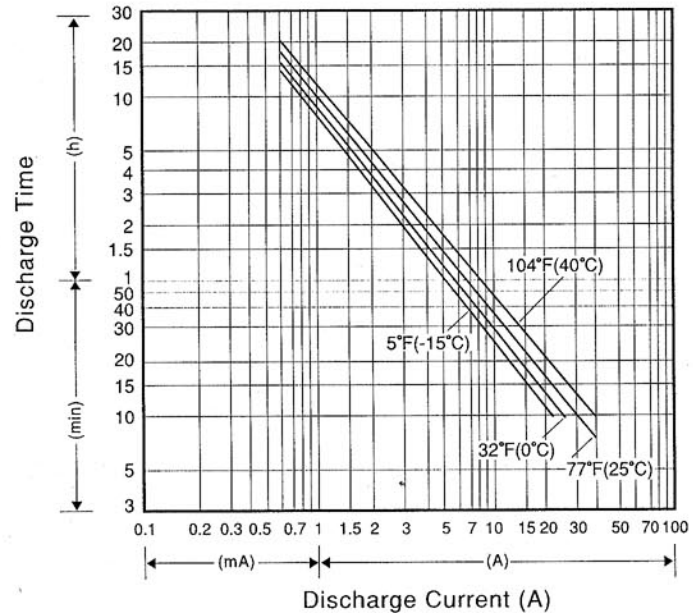
■Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		12 Ah
Dimensions	Total Height (with terminals)	3.97 inches (101 mm)
	Height	3.74 inches (95 mm)
	Length	5.95 inches (151 mm)
	Width	3.90 inches (99 mm)
Weight		Approx. 8.60 lbs (3900g)

■Characteristics

Capacity* 77°F (25°C)	20 hour rate (640 mA)	12.8Ah
	10 hour rate (1160 mA)	11.6Ah
Capacity* 77°F (25°C)	5 hour rate (2100 mA)	10.5Ah
	1 hour rate (8400 mA)	8.4Ah
	1.5 hour discharge to 10.5V	5.8 A
Internal Resistance	Full Charged Battery 77°F(25°C)	20mΩ
Capacity affected by Temperature (20hour rate)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	63%
Self-Discharge 77°F (25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	80%
	Capacity after 9 month storage	62%
Charge (Constant Voltage)	Cycle	Initial Charge Current less than 4 A 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.