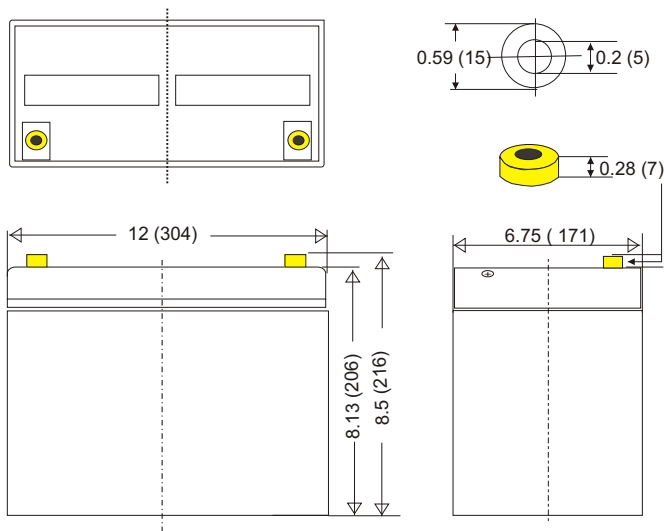


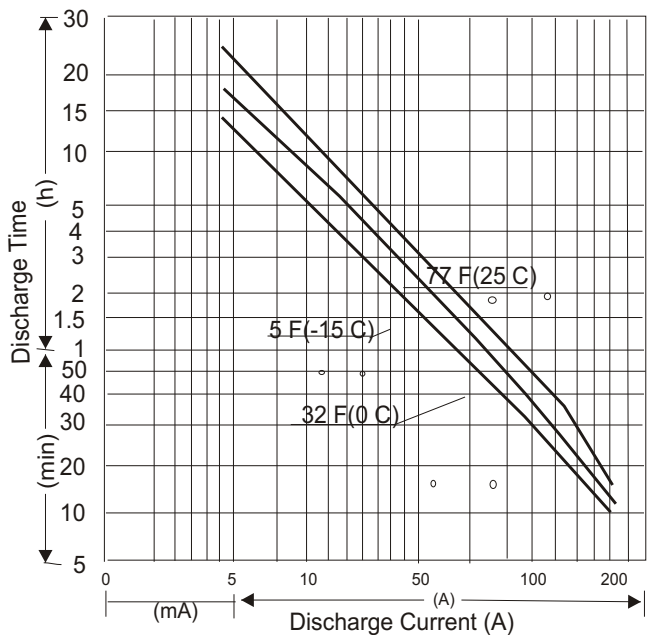
NP90-12



Unit : inch (mm) + 0.08(1.5)



Discharging Current & Discharging Duration Time



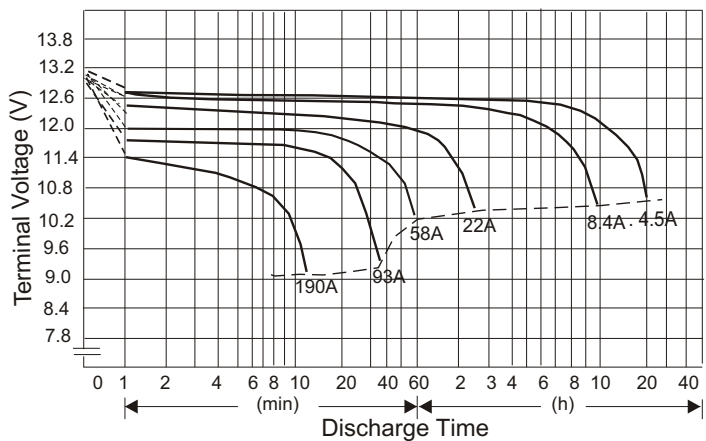
Specifications

Nominal Voltage		12V
Rated Capacity 20 hour rate		90Ah
Dimensions	Total height	8.50 inches (216mm)
	Length	12.0 inches (304mm)
	Width	6.75 inches (171mm)
Weight		Approx.60.50 lbs (27.5Kg)

Characteristics

Capacity 77°F (25°C)	20 hour rate (4.5 A)	90Ah
	10 hour rate (8.4 A)	84Ah
Capacity 77°F (25°C)	5 hour rate (14.4 A)	72Ah
	1 hour rate (57 A)	57Ah
	1.5 hour discharged to 10.5V	69Ah
Internal Resistance	Fully Charged Battery 77°F (25°C)	5 mΩ
Capacity affected by Temperature (20 hour rate)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
Self-discharge 77°F (25°C)	Capacity after 3 month storage	90%
	Capacity after 6 month storage	80%
	Capacity after 12 month storage	63%
Charge (Constant Voltage)	Cycle	Initial Charge Current Less than 6.8A Voltage 14.2V~14.5V 77°F (25°C)
	Stand By	Voltage 13.6V~13.8V 77°F (25°C)

Discharge Curves 77°F (25°C)



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