

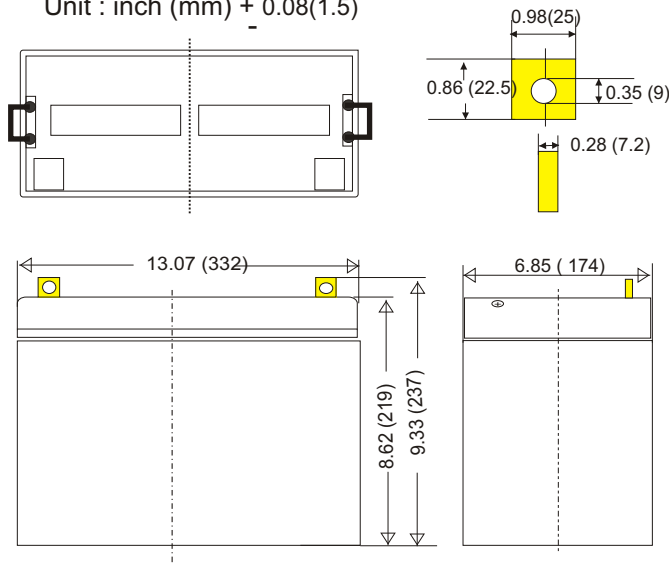
# NP100-12



## Specifications

Nominal Voltage		12V
Rated Capacity 20 hour rate		100Ah
Dimensions	Total height	9.33 inches (237mm)
	Length	13.07 inches (332mm)
	Width	6.85 inches (174mm)
Weight		Approx.68.2 lbs (31Kg)

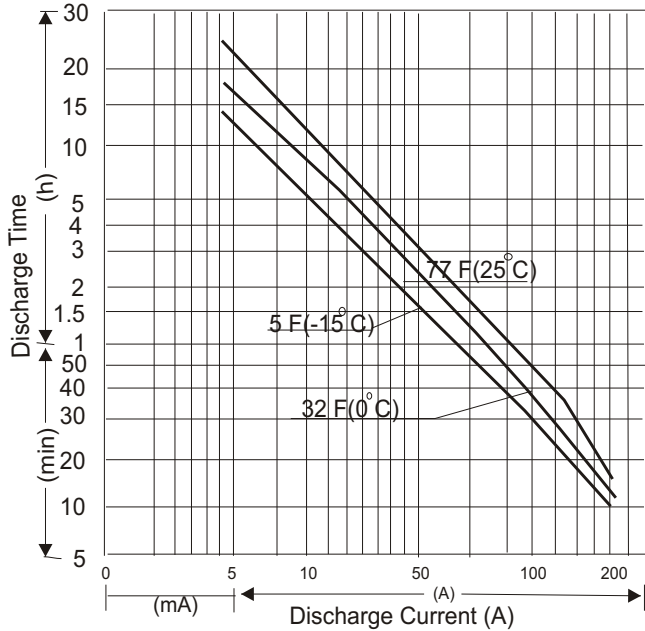
Unit : inch (mm) + 0.08(1.5)



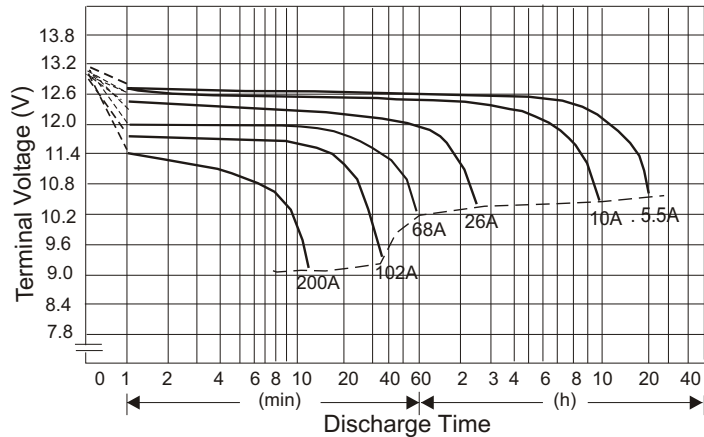
## Characteristics

Capacity 77 F° (25°C)	20 hour rate ( 5.0 A)	100Ah
	10 hour rate ( 10 A)	100Ah
Capacity affected by Temperature (20 hour rate)	5 hour rate ( 18 A)	90Ah
	1 hour rate ( 68 A)	68Ah
	1.5 hour discharged to 10.5V	79Ah
Internal Resistance	Fully Charged Battery 77°F (25°C)	5 mΩ
Self-discharge 77 F° (25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	80%
	Capacity after 12 month storage	63%
	Capacity after 3 month storage	91%
Charge (Constant Voltage)	Cycle	Initial Charge Current Less than 25A Voltage 14.2V~14.5V 77°F (25°C)
	Stand By	Voltage 13.6V~13.8V 77°F (25°C)
Design life (25 C)		6 years in floating charge

## Discharging Current & Discharging Duration Time



## 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.