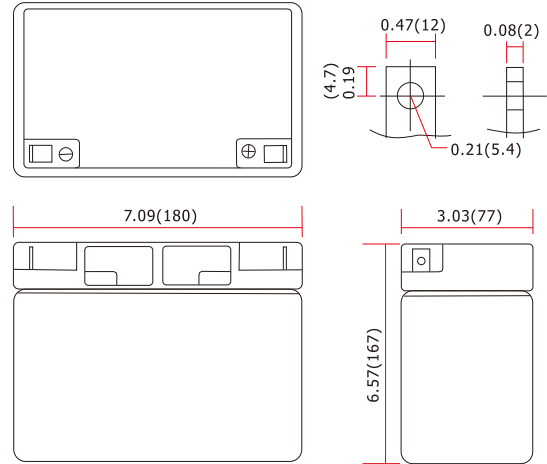


NP18-12

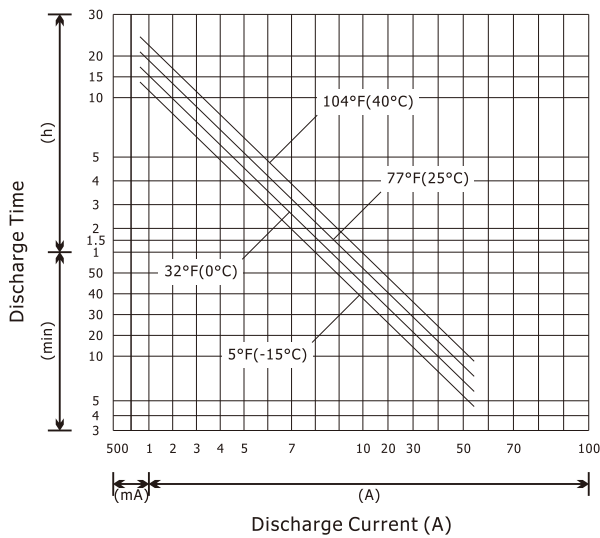
Valve Regulated Sealed Lead-Acid Battery



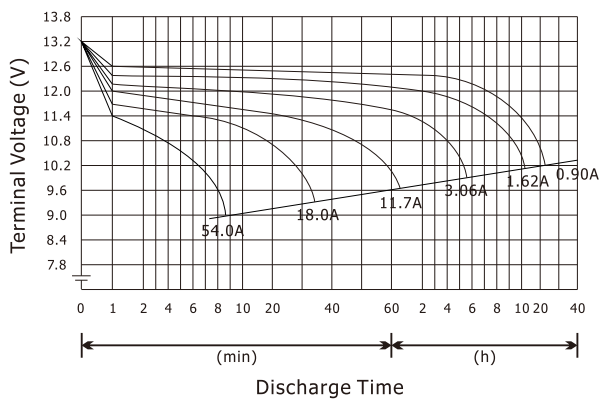
Unit: inch(mm)



■ Discharge Current and Discharge Duration Time



Discharge Curves 77°F(25°C)



■ Specification

Nominal Voltage		12V
Rated Capacity (20hr Rate)		18Ah
Dimensions	Length	7.09inches (180mm)
	Width	3.03inches (77mm)
	Height	6.57inches (167mm)
	Total Height	6.57inches (167mm)
Weight	Approx. 11.31lbs (5.13kg)	
■ Characteristics		
Capacity 77°F(25°C)	20hour rate (0.90A)	18.0Ah
	10hour rate (1.62A)	16.2Ah
	5hour rate (3.06A)	15.3Ah
	1hour rate (11.7A)	11.7Ah
Internal Resistance	Full Charged, 77°F(25°C)	15mΩ
Capacity Affected By Temperature (10hr 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 9 month storage	60%
Charge (Constant Voltage)	Initial Charge Current "LESS" than 5.40A	
	Cycle	14.4–15.0V/77°F(25°C)
	Stand By	13.5–13.8V/77°F(25°C)

**These data are average values obtained from three Charge/Discharge cycles. Note: These are NOT minimum values.