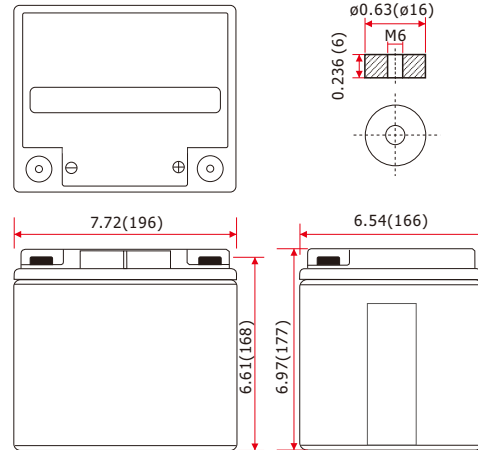


# NP40-12

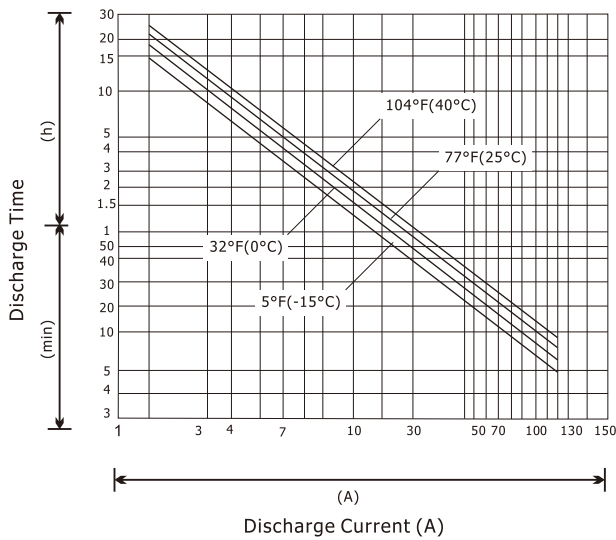
Valve Regulated Sealed Lead-Acid Battery



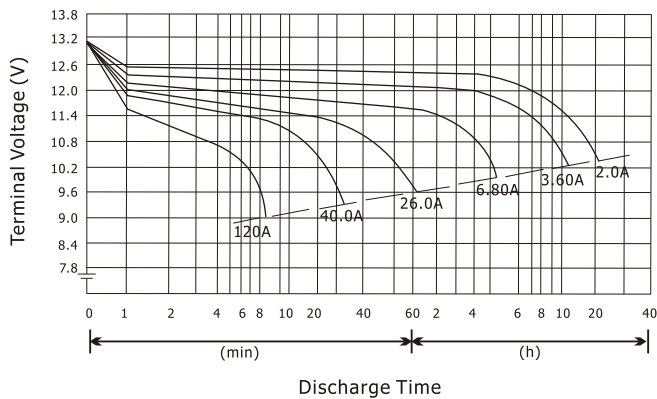
Unit:inch(mm)



## Discharge Current and Discharge Duration Time



Discharge Curves 77°F(25°C)



## Specification

Nominal Voltage		12V
Rated Capacity (20hr Rate)		40Ah
Dimensions	Length	7.72inches (196mm)
	Width	6.54inches (166mm)
	Height	6.61inches(168mm)
	Total Height	6.97inches (177mm)
Weight	Approx. 26.46lbs (12.0kg)	
<b>Characteristics</b>		
Capacity 77°F(25°C)	20hour rate (2.00A)	40.0Ah
	10hour rate (3.60A)	36.8Ah
	5hour rate (6.80A)	34.0Ah
	1hour rate (26.0A)	26.0Ah
Internal Resistance	Full Charged, 77°F(25°C)	7mΩ
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 12.0A	
	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.