

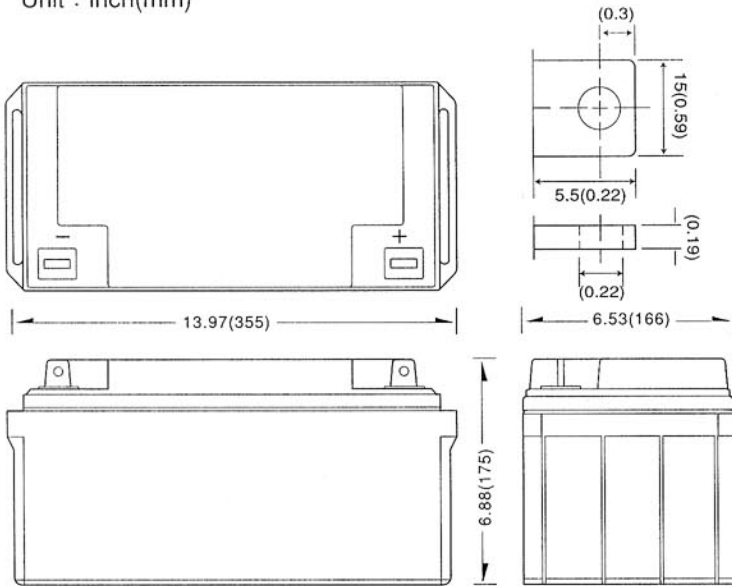
# NP 85-12



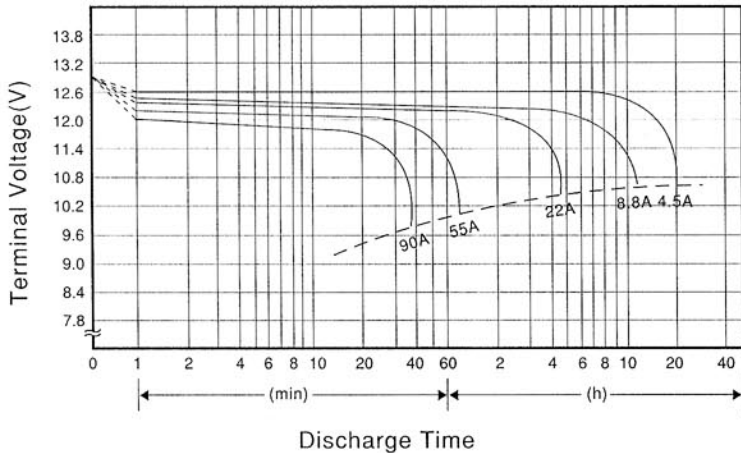
## Used for

- UPS SYSTEMS
- CELLULAR PHONES
- TELECOMMUNICATIONS STATION STANDBY BATTERIES
- MEDICAL EQUIPMENT STANDBY BATTERIES
- YACHT
- DC TO AC INVERTER
- WHEEL CHAIR

Unit : inch(mm)



Discharge curves 77°F(25°C)\*



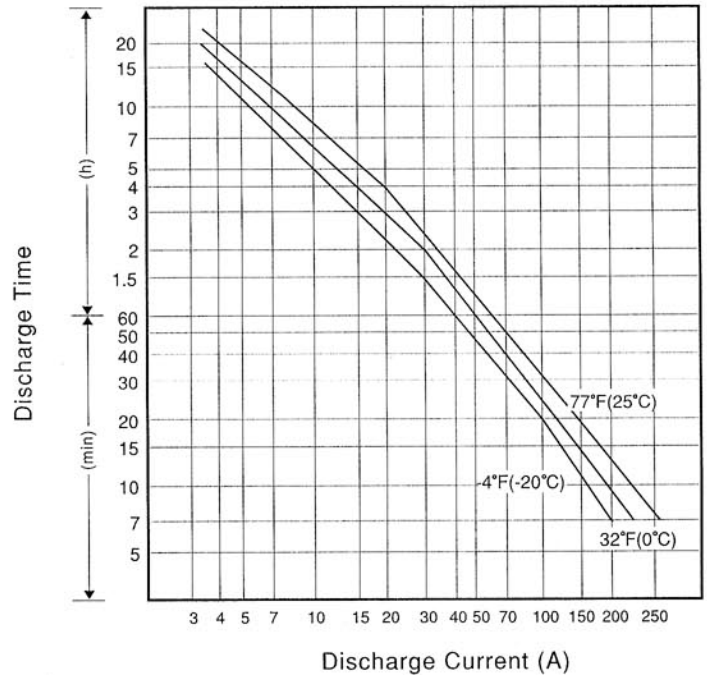
## Specifications

Nominal Voltage		12V
Rated Capacity (10 hour rate)		85A
Dimensions	Total Height (With Terminals)	6.93 inches (176 mm)
	Height	6.93 inches (176 mm)
	Length	13.98 inches (355 mm)
	Width	6.54 inches (166 mm)
Weight		Approx. 58.3 lbs (26.5Kg)

## Characteristics

Capacity* 77°F (25°C)	20 hour rate ( 4.25 A)	85.0Ah
	10 hour rate ( 83.30 A)	83.3Ah
	5 hour rate ( 16.00 A)	80.0Ah
	1 hour rate ( 56.00 A)	56.0Ah
	1.5 hour discharge to 10.5V	39 A
Internal Resistance	Full Charged Battery 77°F(25°C)	5 mΩ
Capacity affected by Temperature (20hour rate)	104°F ( 40°C)	102%
	77°F ( 25°C)	100%
	32°F ( 0°C)	82%
	5°F (-15°C)	63%
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)	Cycle	Initial Charge Current less than 25 A Voltage 14.8~15.3V / 12V 77°F(25°C)
	Stand By	Voltage 13.6~13.9V / 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.