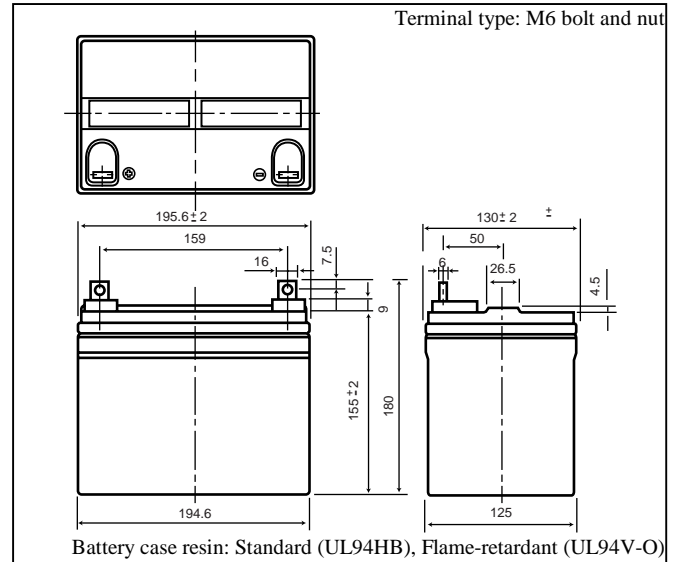


LC-LA1233P



For main and standby power supplies.
Expected trickle life: 3-5 years at 25°C, 5 years at 20°C.

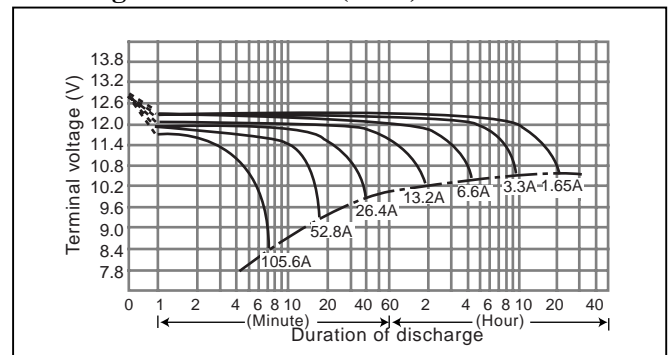
Dimensions (mm)



Specifications

Nominal voltage	12V	
Rated capacity (20 hour rate)	33Ah	
Dimensions	Length	195.6 mm
	Width	130 mm
	Height	155 mm
	Total Height	180 mm
Approx. mass	12.0 kg	
Country of origin	USA	

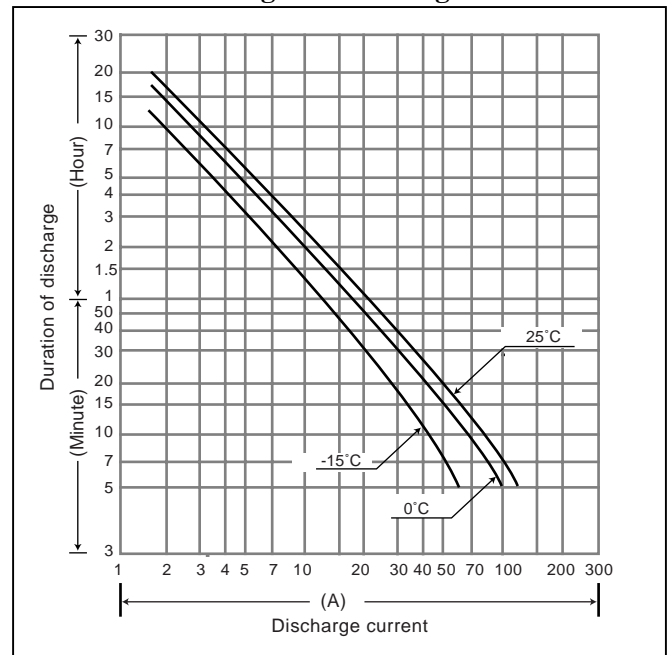
Discharge characteristics (25°C) (note)



Characteristics

Capacity (note) (25°C)	20 hour rate (1.65A)	33.0Ah
	10 hour rate (3.0A)	30.0Ah
Internal resistance	5 hour rate (5.4A)	27.0Ah
	1 hour rate (20.0A)	20.0Ah
Temperature dependency of capacity (20 hour rate)	1.5 hour rate discharge	13.4A
	Cut-off voltage 10.5 V	
	Fully charged battery (25°C)	Approx. 7mΩ
	40°C	102 %
Self discharge (25°C)	25°C	100 %
	0°C	85 %
	-15°C	65 %
Charge Method (Constant Voltage)	Residual capacity after standing 3 months	91%
	Residual capacity after standing 6 months	82%
	Residual capacity after standing 12 months	64%
Cycle use (Repeating use)	Initial current	13.2 A or smaller
	Control voltage	Constant voltage; 14.5 to 14.9 V (per 12V cell 25°C)
Trickle use	Control voltage	13.6 to 13.8 V (per 12V cell 25°C)

Duration of discharge vs. Discharge current (note)



(Note) The above characteristics data are average values obtained within three charge/discharge Cycles not the minimum values.

(Note) For cycle use of the battery, please contact us in advance.