

LC-T122PU/LC-P122PU



Specifications

Nominal voltage		12V
Rated capacity (20 hour rate)		2 Ah
Dimensions	Length	177 mm
	Width	23.85 mm
	Height	60 mm
	Total Height	64 mm
Approx. mass		0.635 kg

* This product adopts UL94HB-compliant resin as the material of the battery case. Product color is black. Optionally, type LC-P122PU which adopts flame retardant resin complying with UL94V-0 is also available. Product color is gray.

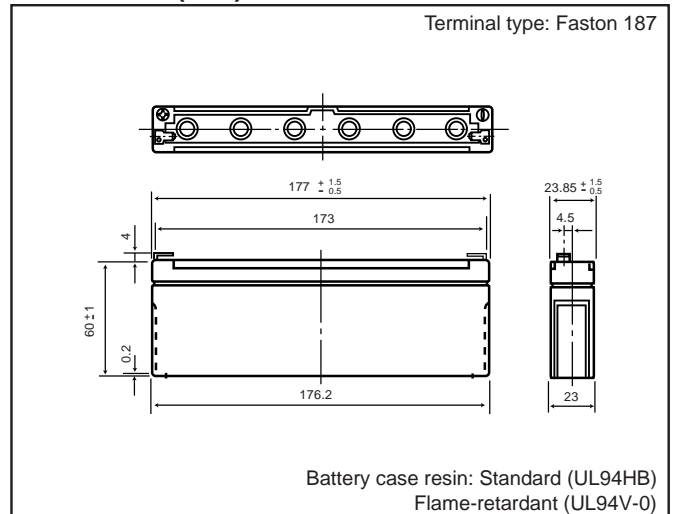
Characteristics

Capacity (note) (25°C)	20 hour rate (100mA)		2.00Ah
	10 hour rate (190mA)		1.90Ah
	5 hour rate (350mA)		1.75Ah
	1 hour rate (1400mA)		1.40Ah
	1.5 hour rate discharge Cut-off voltage 10.5 V		1A
Internal resistance	Fully charged battery (25°C)		Approx. 80mΩ
Temperature dependency of capacity (20 hour rate)	40°C		102%
	25°C		100%
	0°C		85%
	-15°C		65%
Self discharge (25°C)	Residual capacity after standing 3 months		90%
	Residual capacity after standing 6 months		80%
	Residual capacity after standing 12 months		60%
Charge Method (Constant Voltage)	Cycle use (Repeating use)	Initial current	0.8 A or smaller
		Control voltage	14.5V to 14.9 V (per 12V cell 25°C)
	Trickle use	Initial current	0.3 A or smaller
		Control voltage	13.6V to 13.8V (per 12V cell 25°C)

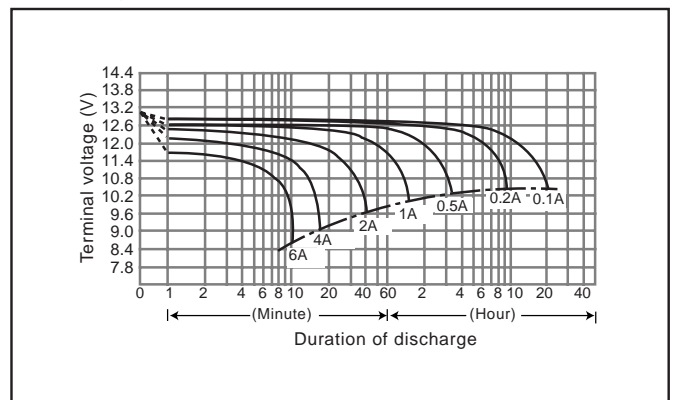
(Note) The above characteristics data are average values obtained within three charge/discharge cycles, not the minimum values.

For main and standby power supplies. Expected trickle life: Approx. 6 years at 25°C, Approx. 10 years at 20°C.

Dimensions (mm)



Discharge characteristics (25°C) (Note)



Duration of discharge vs. Discharge current (Note)

