

LC-R127R2P



Specifications

Nominal voltage		12V
Rated capacity (20 hour rate)		7.2Ah
Dimensions	Length	151 mm
	Width	64.5 mm
	Height	94 mm
	Total Height	100 mm
Approx. mass		2.47 kg

\* The total height of #250 terminal is 101.5mm.

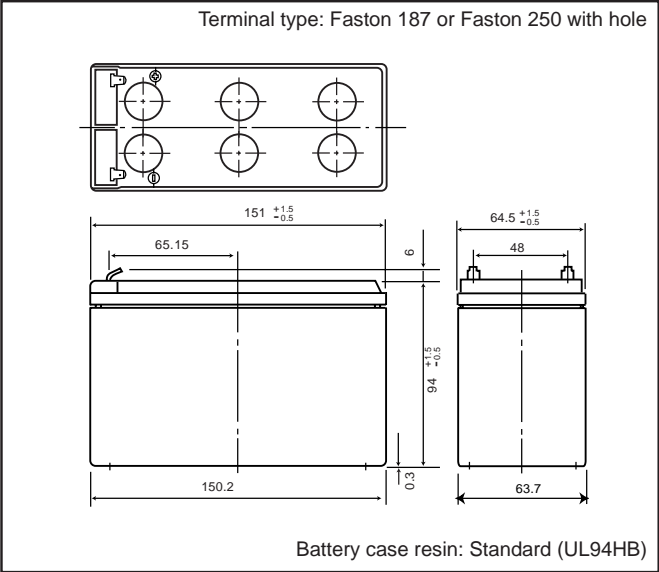
Characteristics

Capacity <sup>(note)</sup> (25°C)		20 hour rate (360mA)	7.2Ah
		10 hour rate (680mA)	6.8Ah
		5 hour rate (1260mA)	6.3Ah
		1 hour rate (4900mA)	4.9Ah
		1.5 hour rate discharge Cut-off voltage 10.5 V	3.5A
Internal resistance		Fully charged battery (25°C)	Approx. 40mΩ
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	91%
		Residual capacity after standing 6 months	82%
		Residual capacity after standing 12 months	64%
Charge Method (Constant Voltage)	Cycle use (Repeating use)	Initial current	2.88 A or smaller
		Control voltage	14.5V to 14.9 V (per 12V cell 25°C)
	Trickle use	Initial current	1.08 A or smaller
		Control voltage	13.6V to 13.8V (per 12V cell 25°C)

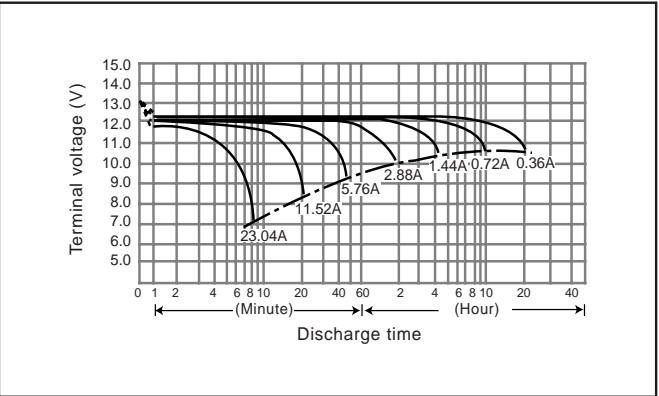
(Note) The above characteristics data are average values obtained within three charge/discharge cycles, not the minimum values.

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

Dimensions (mm)



Discharge characteristics (25°C)<sup>(Note)</sup>



Duration of discharge vs. Discharge current<sup>(Note)</sup>

