

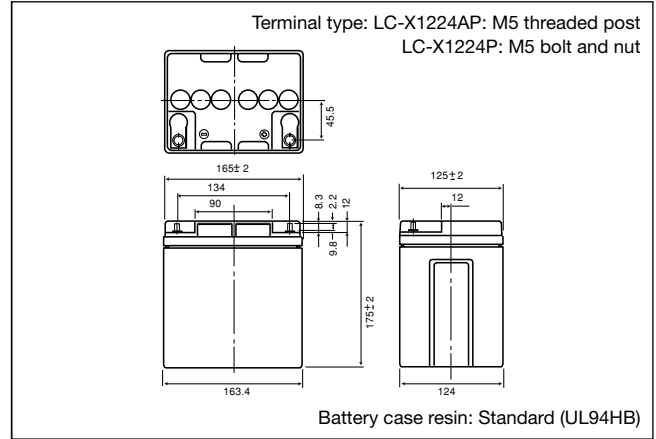
## LC-X1224P/AP

For standby power supplies.  
Trickle Design life: 10 – 12 years at 20 °C.

VdS



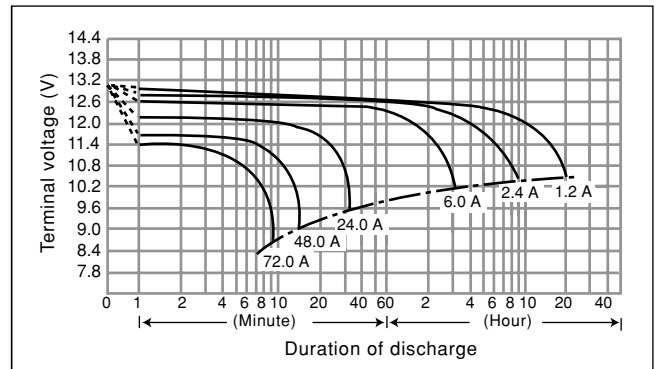
### Dimensions (mm)



### Specifications

Nominal voltage	12 V	
Rated capacity (20 hour rate)	24 Ah	
Dimensions	Length	165 mm
	Width	125 mm
	Height	175 mm
	Total Height	LC-X1224AP: 175 mm LC-X1224P: 179.5 mm
Approx. mass	9.0 kg	

### Discharge characteristics (20 °C) (Note)

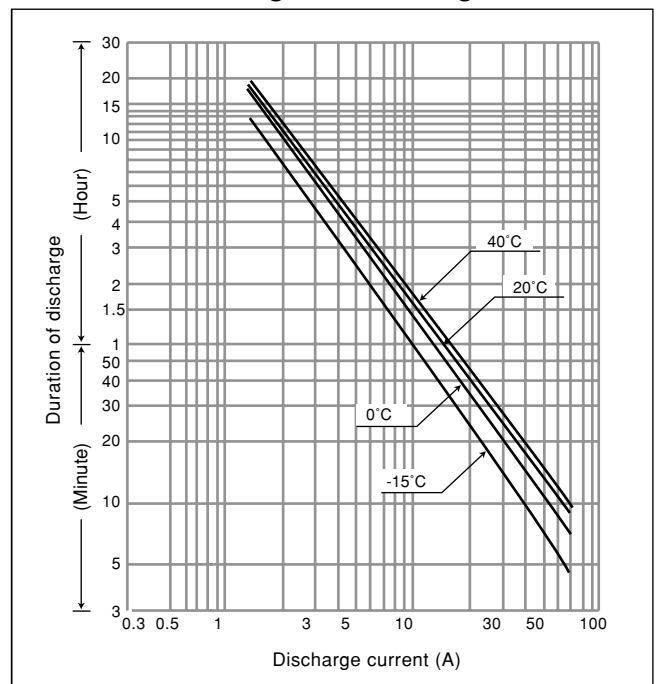


### Characteristics

Capacity (note) (20 °C)	20 hour rate (1.2 A) 10 hour rate (2.2 A) 5 hour rate (3.8 A) 1 hour rate (14.0 A)	24.0 Ah 22.0 Ah 19.0 Ah 14.0 Ah
	1.5 hour rate discharge Cut-off voltage 10.5 V	9.8 A
Internal resistance	Fully charged battery (20 °C)	Approx. 11 mΩ
Temperature dependency of capacity (20 hour rate)	40 °C	102 %
	20 °C	100 %
	0 °C	85 %
	-15 °C	65 %
Self discharge (20 °C)	Residual capacity after standing 3 months	91 %
	Residual capacity after standing 6 months	83 %
	Residual capacity after standing 12 months	66 %

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

### Duration of discharge vs. Discharge current (Note)



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