

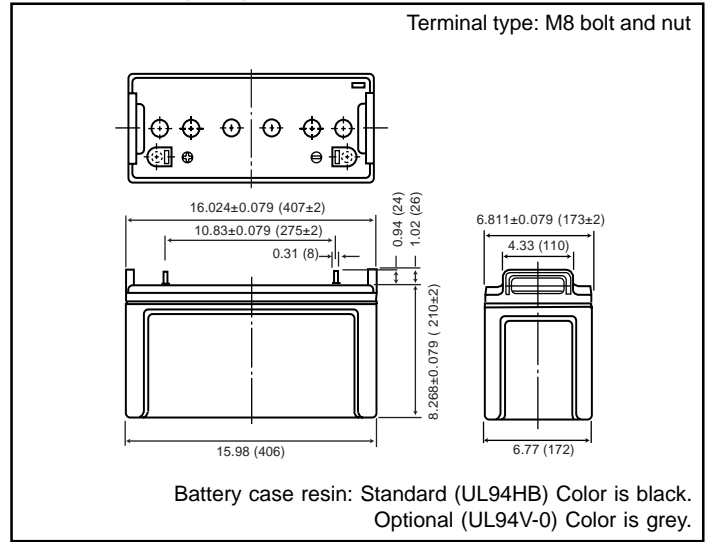
VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-XA12100P



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

Dimensions (mm)

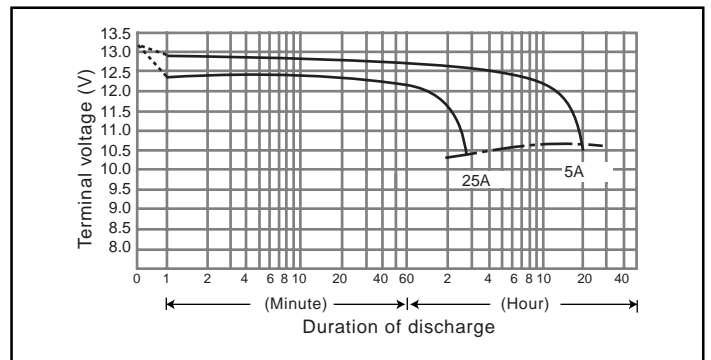


Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		100Ah
Dimensions	Length	16.024 inches (407 mm)
	Width	6.811 inches (173 mm)
	Height	8.268 inches (210 mm)
	Total Height	9.291 inches (236 mm)
Approx. mass		72.8 lbs. (33 kg)
Standard Terminals and Resin	UL94HB M8 Bolt and Nut	LC-XA12100P
	UL94V-0 M8 Bolt and Nut	◆ LC-PA12100P

◆ Please contact Panasonic for availability on optional items. Optional items may be subject to minimum order quantities.

Discharge characteristics 77°F (25°C) (Note)



Characteristics

Capacity (note) 77°F (25°C)	20 hour rate (5A)	100Ah
	10 hour rate (9.8A)	90Ah
Internal Resistance	5 hour rate (18A)	90Ah
	1 hour rate (55A)	55Ah
Temperature dependency of capacity (20 hour rate)	1.5 hour rate discharge Cut-off voltage 10.5 V	40A
	Fully charged battery 77°F (25°C)	Approx. 4.5mΩ
Self discharge 77°F (25°C)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
Charge Method (Constant Voltage)	Residual capacity after standing 3 months	91%
	Residual capacity after standing 6 months	82%
Trickle use	Residual capacity after standing 12 months	64%
	Initial current	15 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.

Duration of discharge vs. Discharge current (Note)

