

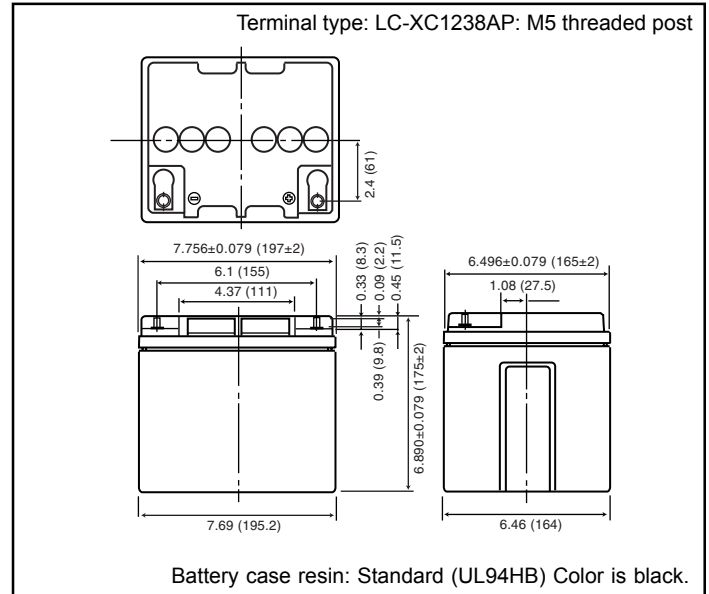
VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-XC1238AP



For main power supplies. Cycle long life type.

Dimensions (mm)

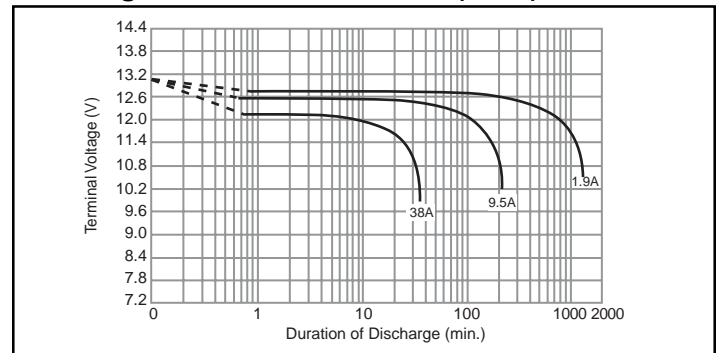


Specifications

Nominal voltage		12V
Rated capacity (20 hour rate)		38Ah
Dimensions	Length	7.756 inches (197 mm)
	Width	6.496 inches (165 mm)
	Height	6.890 inches (175 mm)
	Total Height	6.890 inches (175 mm)
Approx. mass		35.2 lbs (16.0 kg)
Standard Terminals and Resin	UL94HB M5 Threaded Post	LC-XC1238AP

◆ 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 (1.9A)	38Ah	
	10 hour rate (3.6A)	36Ah	
	5 hour rate (7.0A)	35Ah	
	1 hour rate (23A)	23Ah	
	1.5 hour rate discharge Cut-off voltage 10.5 V	20A	
Internal resistance	Fully charged battery 77°F (25°C)	Approx. 9mΩ	
Temperature dependency of capacity (20 hour rate)	104°F (40°C)	102%	
	77°F (25°C)	100%	
	32°F (0°C)	85%	
	5°F (-15°C)	65%	
Self discharge 77°F (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	Initial current	15.2 A or smaller
		Control voltage	14.5V to 14.9V (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)

