VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-R121R3P



Specifications

Nominal Voltage		12V
Rated Capacity (20 hour rate)		1.3Ah
Dimensions	Length	3.819 inches (97.0 mm)
	Width	1.870 inches (47.5 mm)
	Height	1.969 inches (50.0 mm)
	Total Height	2.165 inches (55.0 mm)
Approx. mass		1.30 lbs. (0.59 kg)
Standard Terminals and Resin	UL94HB Faston 187	LC-R121R3P

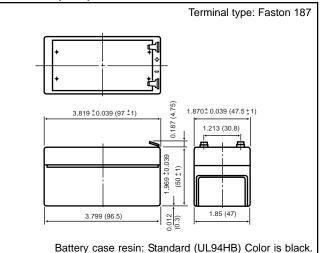
Characteristics

	20 hour rate (65mA) 10 hour rate (120mA) 5 hour rate (210mA) 1 hour rate (850mA)	1.3Ah 1.2Ah 1.05Ah 0.85Ah
	1.5 hour rate discharge Cut-off voltage 10.5 V	0.6A
Resistance	Fully charged battery 77°F (25°C)	Approx. 90m Ω
endency apacity	104°F (40°C) 77°F (25°C) 32°F (0°C) 5°F (-15°C)	102% 100% 85% 65%
discharge	Residual capacity after standing 3 months Residual capacity after standing 6 months Residual capacity after standing 12 months	91% 82% 64%
Cycle use (Repeating use)	Initial current	0.52 A or smaller
	Control voltage	14.5V to 14.9V (per 12V cell 25°C)
Trickle use	Initial current	0.195 A or smaller
	Control voltage	13.6V to 13.8V (per 12V cell 25°C)
	(Repeating use)	Acity (note)10 hour rate (120mÅ)F (25°C)5 hour rate (210mA)1 hour rate (850mA)1.5 hour rate discharge Cut-off voltage 10.5 VResistanceFully charged battery 77°F (25°C)perature endency104°F (40°C) 77°F (25°C)perature endency104°F (40°C) 5°F (-15°C)discharge F (25°C)Residual capacity after standing 3 months Residual capacity after standing 12 months Residual currentCycle use (Repeating use)Initial currentTrickle useInitial current

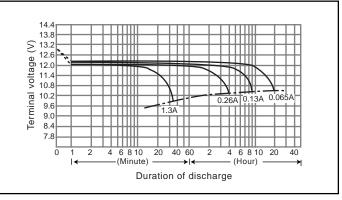
(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values.

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

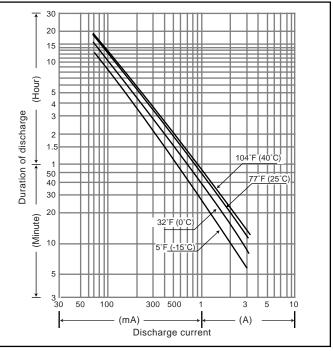
Dimensions (mm)



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



Duration of discharge vs. Discharge current (Note)



Panasonic

VRLA BATTERIES

AUGUST 2005

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