

VALVE-REGULATED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

LC-R063R4P



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

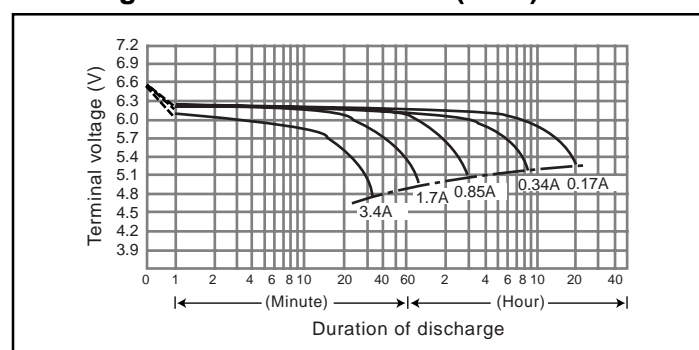
Dimensions (mm)



Specifications

Nominal Voltage		6V
Rated Capacity (20 hour rate)		3.4Ah
Dimensions	Length	5.276 inches (134.0 mm)
	Width	1.339 inches (34.0 mm)
	Height	2.362 inches (60.0 mm)
	Total Height	2.598 inches (66.0 mm)
Approx. mass		1.37 lbs. (0.62 kg)
Standard Terminals and Resin	UL94HB Faston 187	LC-R063R4P

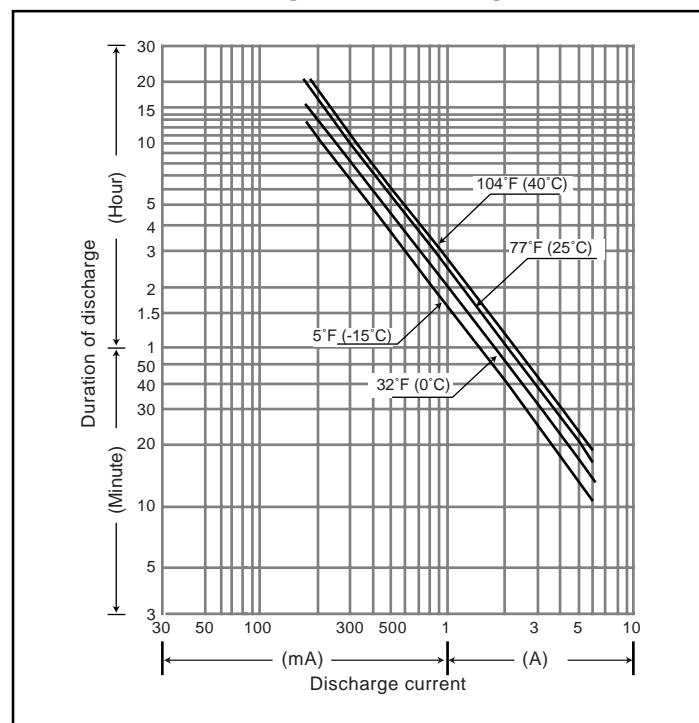
Discharge characteristics 77°F (25°C) (Note)



Characteristics

Capacity (note) 77°F (25°C)	20 hour rate (170mA)	3.4Ah	
	10 hour rate (300mA)	3Ah	
Internal Resistance	5 hour rate (540mA)	2.7Ah	
	1 hour rate (2100mA)	2.1Ah	
Temperature dependency of capacity (20 hour rate)	1.5 hour rate discharge	1.5A	
	Cut-off voltage 5.25 V		
	Fully charged battery	Approx. 30mΩ	
	77°F (25°C)		
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%	
	Residual capacity after standing 12 months	64%	
Cycle use (Repeating use)	initial current	1.36 A or smaller	
	Control voltage	7.25V to 7.45V (per 6V cell 25°C)	
	Trickle use	initial current	0.51 A or smaller
		Control voltage	6.8V to 6.9V (per 6V cell 25°C)

Duration of discharge vs. Discharge current (Note)



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