

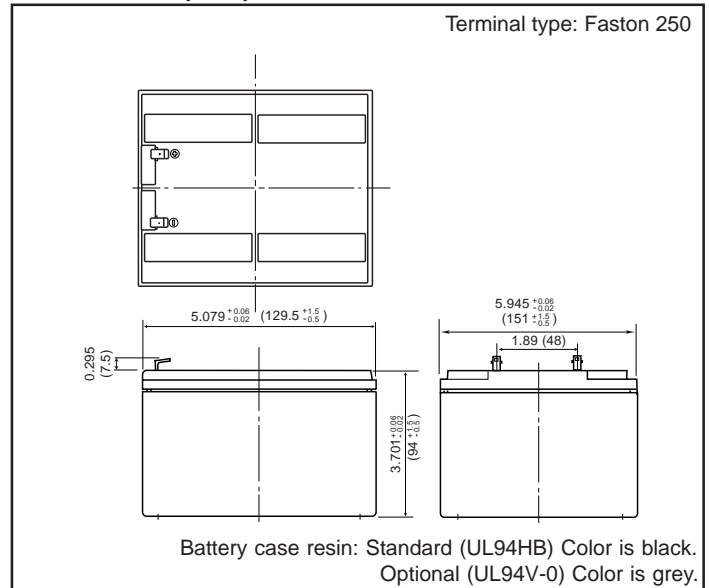
SEALED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

UP-RW2447P1



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

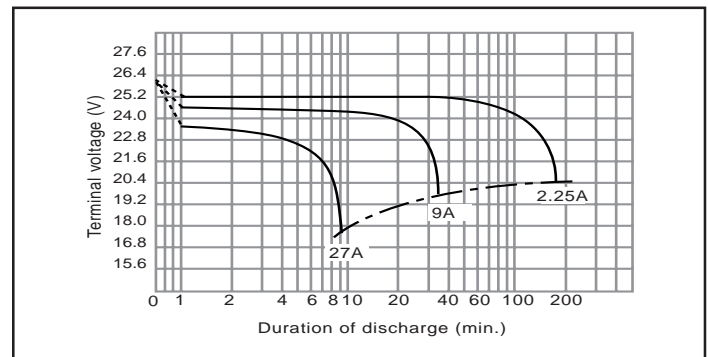
Dimensions (mm)



Specifications

Nominal voltage		24V
Nominal capacity (watts/cell at 10 minute rate)		47W/2V
Dimensions	Length	5.945 inches (151.0 mm)
	Width	5.079 inches (129 mm)
	Height	3.701 inches (94.0 mm)
	Total Height	3.997 inches (101.5 mm)
Approx. mass		11.3 lbs (5.1 kg)
Standard Terminals and Resin	UL94HB Faston 250	UP-RW2447P1
	UL94V-0 Faston 250	UP-VW2447P1

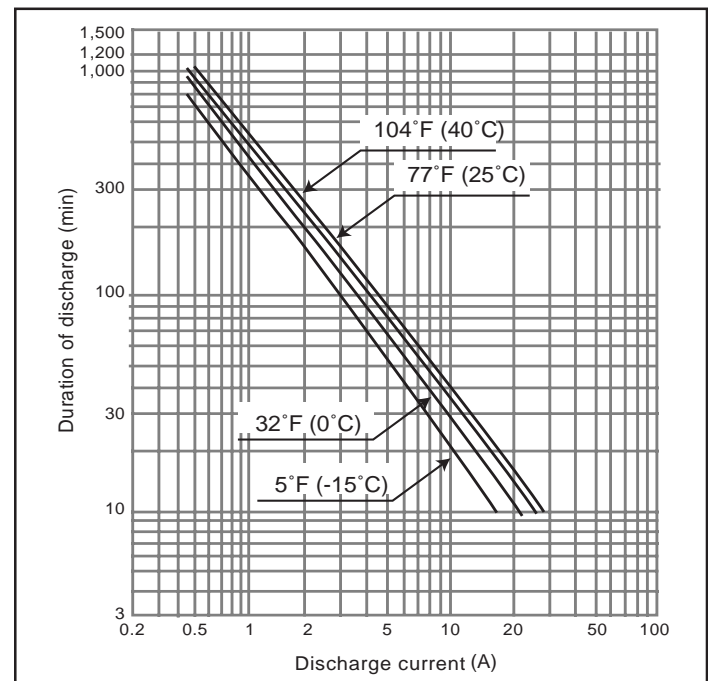
Discharge characteristics 77°F (25°C) (Note)



Characteristics

Capacity (note) 77°F (25°C) (9.6V Cutoff)	30 minute rate	235W	
	15 minute rate	420W	
	10 minute rate	564W	
	5 minute rate	850W	
Internal resistance	Fully charged battery 77°F (25°C)	Approx. 60mΩ	
Temperature dependency of capacity (20 hour rate)	104°F (40°C)	102%	
	77°F (25°C)	100%	
	32°F (0°C)	85%	
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)	Trickle use	Initial current	1.35 A or smaller
		Control voltage	27.2V to 27.6V (per 24V cell (25°C))

Duration of discharge vs. Discharge current (Note)



Cutoff (per cell)	Discharge Runtime at 25°C						
	3 min	5 min	7 min	10 min	15 min	20 min	30 min
1.6V	1100	850	685	564	420	334	235
1.7V	1016	808	651	543	390	312	222
1.8V	912	726	584	492	360	292	218

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

(Note) This battery is designed for high rate discharge and we do not specify 20 hour rate discharge capacity.

(Note) When specific conditions are satisfied, this battery can be used for main power supplies. Please consult Panasonic.