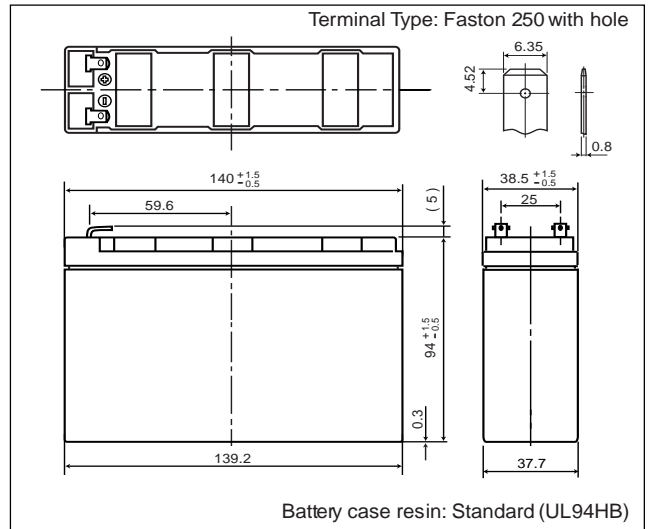


New UP-RW1220P1



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

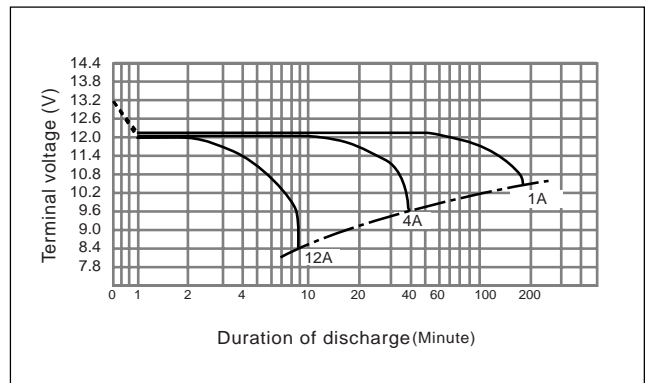
Dimensions (mm)



Specifications

Nominal voltage		12V
Nominal capacity (10 minute rate)		20W/2V
Dimensions	Length	140 mm
	Width	38.5mm
	Height	94 mm
	Total Height	max.100mm
Approx. mass		1.35kg

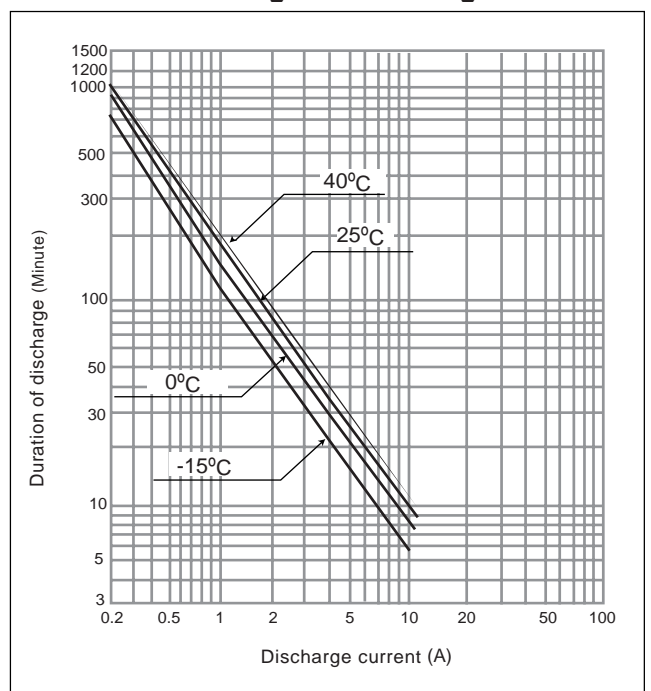
Discharge characteristics (25°C) (note)



Characteristics

Capacity (note) (25 C) (9.6V cutoff)	30 minute rate	57W	
	15 minute rate	91W	
	10 minute rate	120W	
	5 minute rate	180W	
Internal resistance	Fully charged battery (25°C)	Approx. 44 mΩ	
Temperature dependency of capacity (10 hour rate)	40 C°	102%	
	25 C°	100%	
	0 C°	82%	
	-15 C°	65%	
Self discharge (25 C)	Residual capacity after standing 3 months	91%	
	Residual capacity after standing 6 months	82%	
	Residual capacity after standing 12 months	65%	
Charge Method (Constant Voltage)	Trickle use	Initial current	0.54A or smaller
		Control voltage	13.6V to 13.8V (per 12V cell 25 C°)

Duration of discharge vs. Discharge current (note)



Watt Table

Cutoff	Discharge Runtime at 25 (unit: W)							
	3min	5min	7min	10min	15min	20min	30min	
9.6V	237	180	150	120	91	75	57	
10.2V	217	167	135	113	87	73	52	
10.8V	177	137	115	102	82	66	47	

(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, therefore we don't specify 20-hour-rate discharge capacity.

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