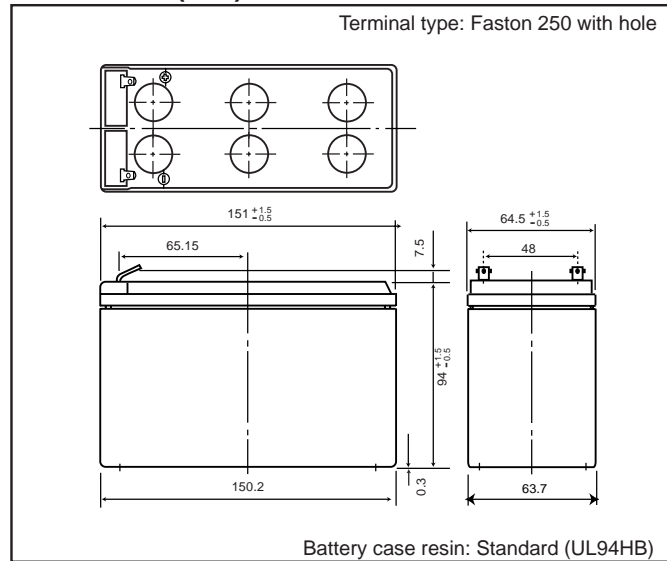


UP-RW1245P1



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

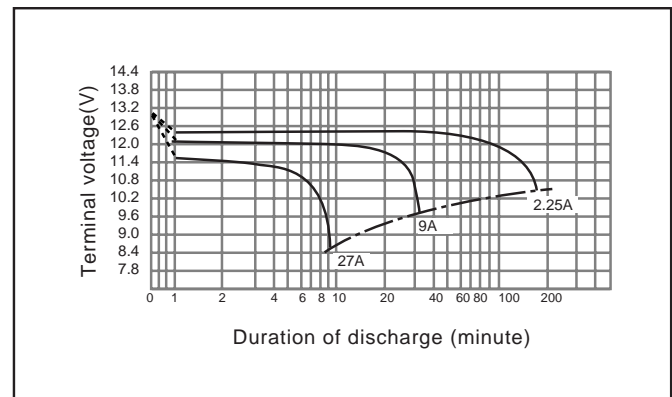
Dimensions (mm)



Specifications

Nominal voltage		12V
Nominal capacity (10 minute rate)		45W/2V
Dimensions	Length	151 mm
	Width	64.5 mm
	Height	94 mm
	Total Height	101.5 mm
Approx. mass		2.6 kg

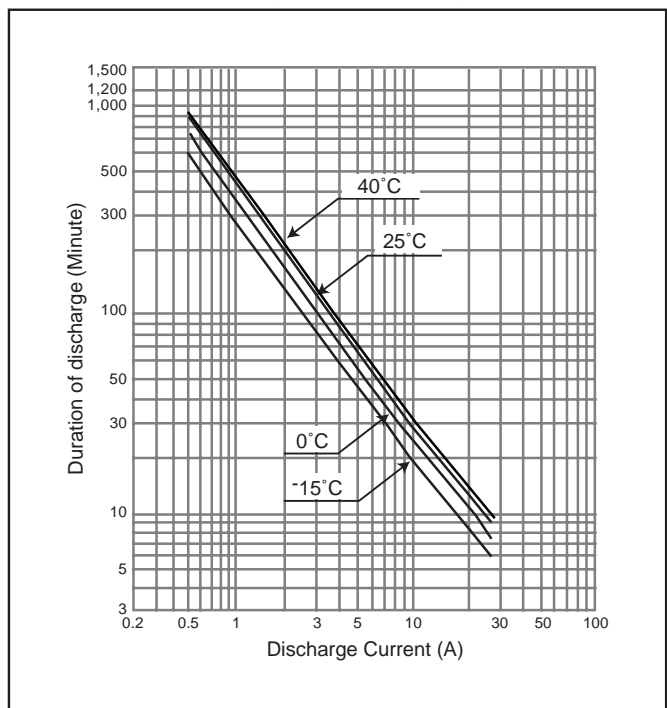
Discharge characteristics (25°C) (Note)



Characteristics

Capacity (note) (25°C) (9.6V Cutoff)	30 minute rate	112W	
	15 minute rate	195W	
	10 minute rate	268W	
	5 minute rate	410W	
Internal resistance	Fully charged battery (25°C)	Approx. 21mΩ	
Temperature dependency of capacity (20 hour rate)	40°C	102%	
	25°C	100%	
	0°C	85%	
	-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	1.1 A 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°C (unit: W)						
	3 min	5 min	7 min	10 min	15 min	20 min	30 min
9.6V	530	410	330	268	195	159	112
10.2V	490	390	315	258	193	156	111
10.8V	434	330	274	234	180	146	109

(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.