New UP-RW1220P1

For standby powe r supplies.
Expected trickle life: 3-5 yea rs at 25 C.

Labels will vary, see page 69 for example of lavel.

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

Characteristics

Capacity (note) (25 C) (9.6V cutoff)		30 minute rate 15 minute rate 10 minute rate 5 minute rate	57W 91W 120W 180W
Internal resistance		Fully charged battery (25 C°)	Approx. 44 m Ω
Temperature dependency of capacity (10 hour rate)		40 C° 25 C° 0 C° -15 C°	102% 100% 82% 65%
Self discharge (25 C)		Residual capacity after standing 3 months Residual capacity after standing 6 months Residual capacity after standing 12 months	91% 82% 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°)

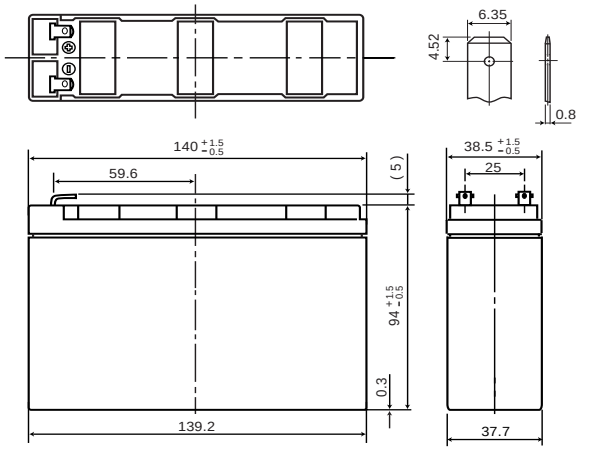
Watt Table

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 donot specify 20-hour-rate discharge capacity.
(Note) When specific conditions are satisfied,this battery can be used for main power supplies. Please consult Panasonic.

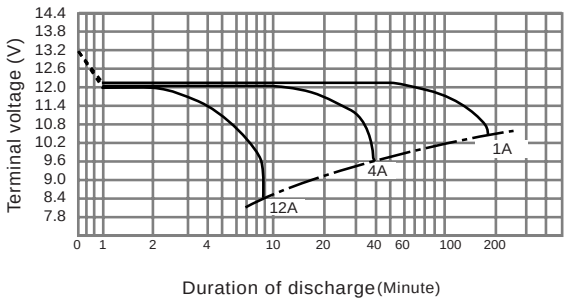
Dimensions (mm)

Terminal Type: Faston 250 with hole



Battery case resin: Standard (UL94HB)

Discharge characteristics (25ºC) (note)



Duration of discharge vs. Discharge current (note)