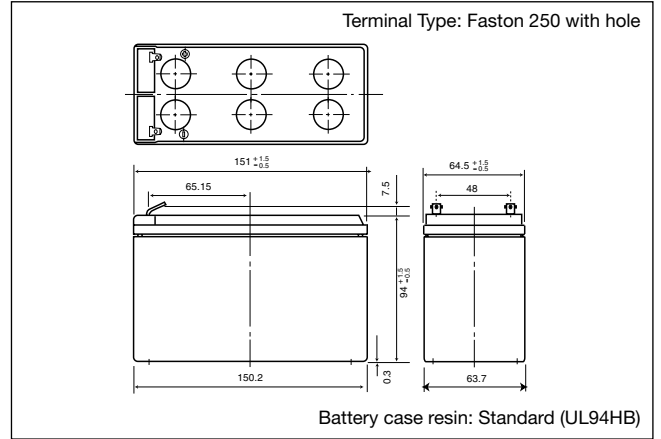


UP-RW1245P1

For standby power supplies.
Trickle Design life: 6 – 9 years at 20 °C.



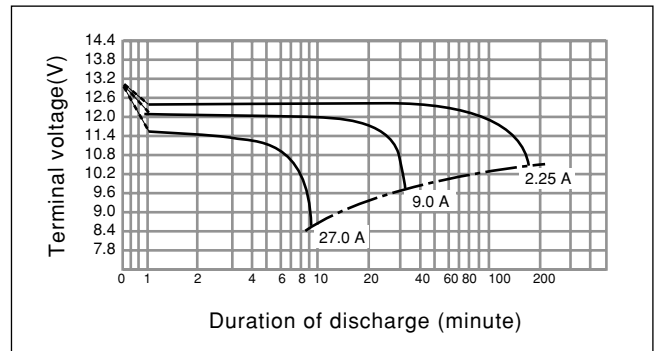
Dimensions (mm)



Specifications

| | | |
|-----------------------------------|--------------|----------|
| Nominal voltage | | 12 V |
| Nominal capacity (10 minute rate) | | 45 W/2 V |
| Dimensions | Length | 151.0 mm |
| | Width | 64.5 mm |
| | Height | 94.0 mm |
| | Total Height | 101.5 mm |
| Approx. mass | | 2.6 kg |

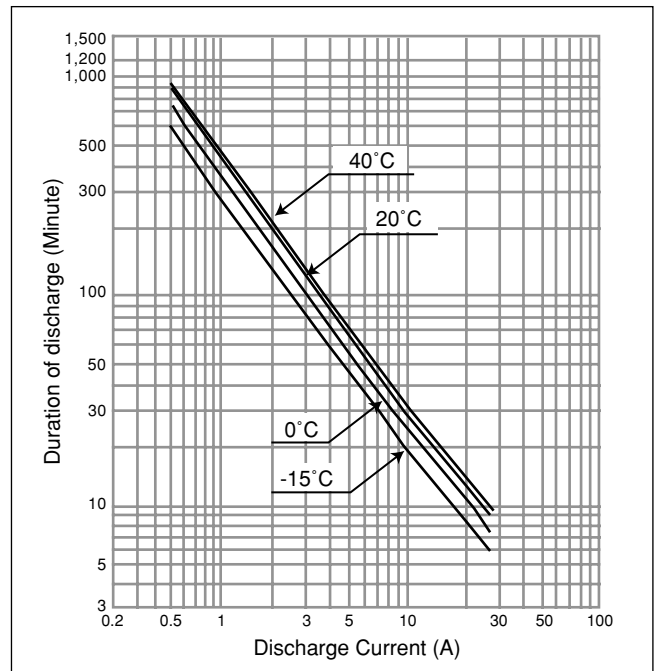
Discharge characteristics (20 °C) (Note)



Characteristics

| | | |
|---------------------------------------------------|--------------------------------------------|---------------|
| Capacity (note) (20 °C) (9.6 V cutoff) | 30 minute rate | 108 W |
| | 15 minute rate | 185 W |
| | 10 minute rate | 254 W |
| | 5 minute rate | 389 W |
| Internal resistance | Fully charged battery (20 °C) | Approx. 21 mΩ |
| Temperature dependency of capacity (10 hour rate) | 40 °C | 102 % |
| | 20 °C | 100 % |
| | 0 °C | 85 % |
| | -15 °C | 65 % |
| Self discharge (20 °C) | Residual capacity after standing 3 months | 91 % |
| | Residual capacity after standing 6 months | 83 % |
| | Residual capacity after standing 12 months | 66 % |

Duration of discharge vs. Discharge current (Note)



Watt table

| Cutoff | Discharge Runtime at 20 °C (unit: watt) | | | | | | |
|--------|-----------------------------------------|--------|--------|---------|---------|---------|---------|
| | 3 min. | 5 min. | 7 min. | 10 min. | 15 min. | 20 min. | 30 min. |
| 9.6 V | 503 | 389 | 313 | 254 | 185 | 154 | 108 |
| 10.2 V | 465 | 370 | 299 | 245 | 183 | 151 | 107 |
| 10.8 V | 412 | 313 | 260 | 222 | 171 | 141 | 105 |

(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 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.