

SEALED LEAD ACID BATTERIES: INDIVIDUAL DATA SHEET

UP-RW1232P



Photo/Label for reference only.

Specifications

Nominal voltage		12V
Nominal capacity (watts/cell at 10 minute rate)		32W/2V
Dimensions	Length	5.886 inches (149.5 mm)
	Width	1.949 inches (49.5 mm)
	Height	3.642 inches (92.5 mm)
	Total Height	3.940 inches (100 mm)
Approx. mass		4.41 lbs (2.0 kg)
Standard Terminals and Resin	UL94HB Faston 250	UP-RW1232P1
	UL94V-0 Faston 250	UP-VW1232P1
Optional Terminals and Resin	UL94HB Faston 187	◆ UP-RW1232P
	UL94V-0 Faston 187	◆ UP-VW1232P

◆ Please contact Panasonic for availability on optional items. Optional items may be subject to minimum order quantities.

Characteristics

Capacity ^(note) 77°F (25°C) (9.6V Cutoff)	30 minute rate	93W						
	15 minute rate	152W						
	10 minute rate	192W						
	5 minute rate	295W						
Internal resistance	Fully charged battery 77°F (25°C)	Approx. 40mΩ						
Temperature dependency of capacity (20 hour rate)	104°F (40°C)	102%						
	77°F (25°C)	100%						
	32°F (0°C)	85%						
	5°F (-15°C)	65%						
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	13.6V to 13.8V (per 12V cell 25°C)					
Cutoff (per cell)	Discharge Runtime at 25°C							
	3 min	5 min	7 min	10 min	15 min	20 min	30 min	
	1.6V	388	295	242	192	152	123	93
	1.7V	343	266	211	182	137	115	89
1.8V	279	218	180	164	123	104	81	

(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.

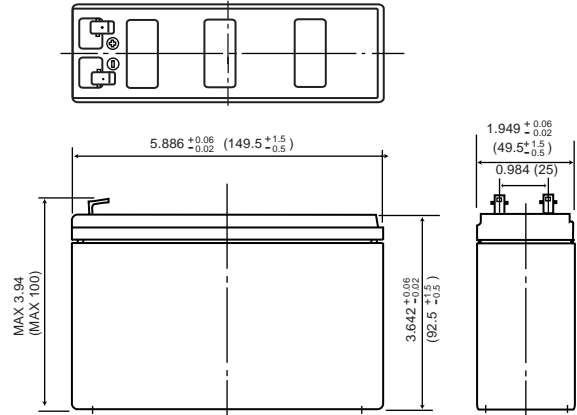
(Note) When specific conditions are satisfied, this battery can be used for main power supplies. Please consult Panasonic.

For standby power supplies.

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

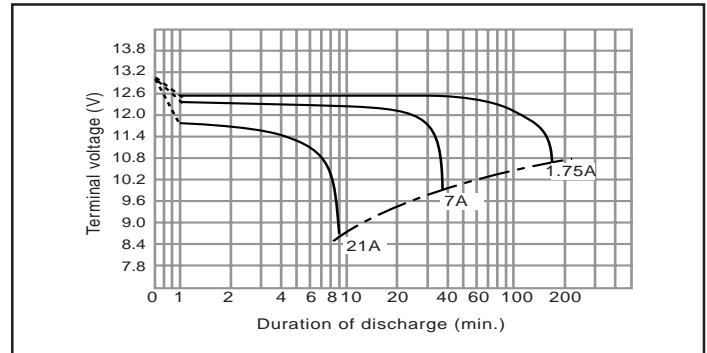
Dimensions (mm)

Terminal type: Faston 187 or Faston 250



Battery case resin: Standard (UL94HB) Color is black.
Optional (UL94V-0) Color is grey.

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



Duration of discharge vs. Discharge current (Note)

