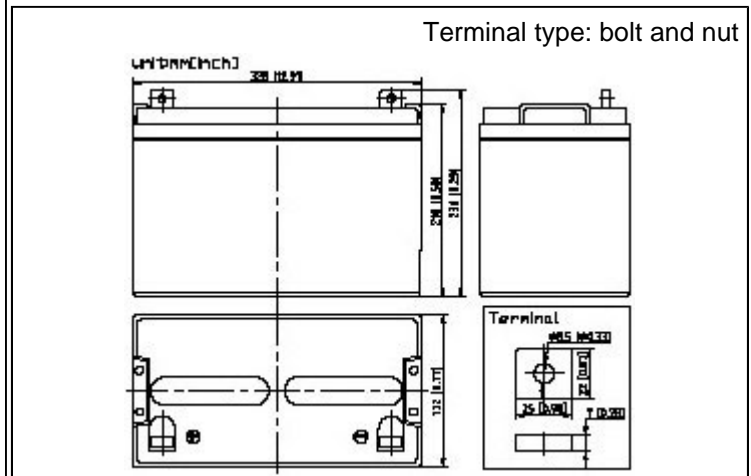




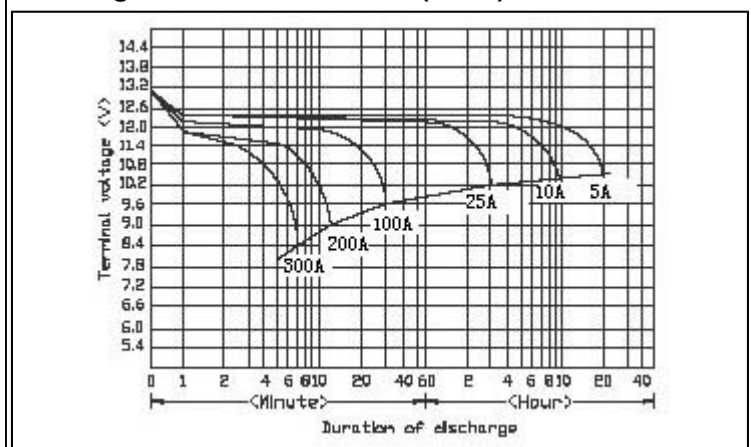
## Dimensions



## Specifications

Nominal voltage		12V
Rated capacity (20 hour rate)		100Ah
Dimensions	Length	12.91in ( 327.9 mm)
	Width	6.77in ( 172.0 mm)
	Height	8.58in ( 217.9 mm)
	Total Height	9.29in ( 236.0 mm)
Approx. weight		66.01lbs ( 29.9 kg)

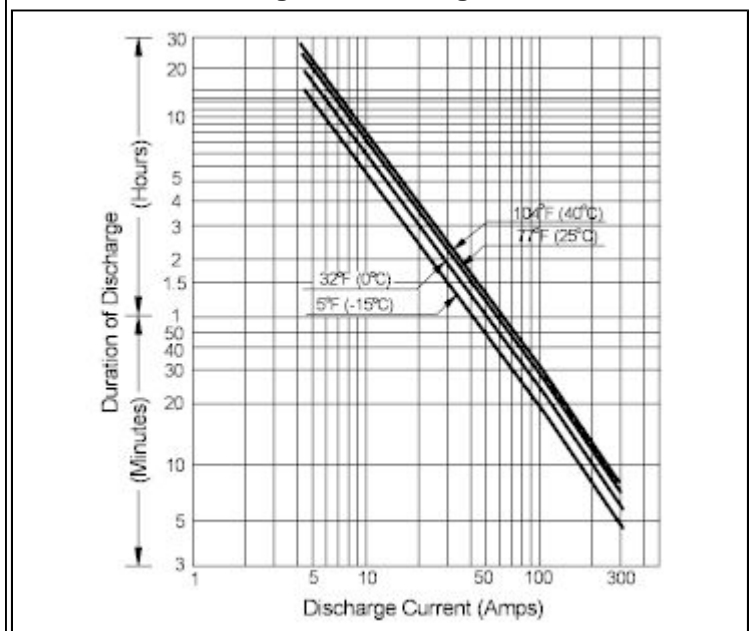
## Discharge characteristics 77° F (25° C) (Note)



## Characteristics

Capacity (Note) 77° F (25° C)	20 hour rate ( 5.00A)	100Ah	
	10 hour rate ( 9.30A)	93Ah	
	5 hour rate ( 17.00A)	85Ah	
	1 hour rate ( 60.00A)	60Ah	
Internal resistance (milliohms)	Fully charged battery 77° F (25° C)	Approx. 9	
Temperature dependency of capacity (20 hour rate)	104° F	102%	
	77° F	100%	
	32° F	85%	
	5° F	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)	Cycle use (Repeating use)	Initial current	40
		Control voltage	13.8V - 14.1V
	Float use	Control voltage	13.4V - 13.7V

## Duration of discharge vs. Discharge current (Note)



(Note) The above characteristics data are average values obtained within three charge/discharge. Cycles not the minimum values.

**Constant Power Discharge Watts Per Cell (25° C)**

End Point Volt /cell	Operation Time To End Point Voltage								
	5min	10min	15min	20min	30min	40min	50min	60min	90min
1.75	510	375	305	260	200	163	138	120	84
1.70	540	400	320	267	205	168	141	121	85
1.65	570	424	335	277	209	171	144	124	88
1.60	590	435	345	285	212	173	146	125	89

**Constant Current Discharge Rating Amperes (25° C)**

End Point Volt /cell	Operation Time To End Point Voltage													
	5min	10min	30min	60min	2hr	3hr	4hr	5hr	6hr	7hr	8hr	10hr	20hr	24hr
1.90	156	110	75.0	45.9	28.9	21.0	16.8	14.7	12.0	10.6	9.5	8.4	4.3	3.6
1.85	203	136	92.0	53.7	31.4	22.8	18.0	15.7	12.9	11.3	10.1	8.8	4.6	3.9
1.80	240	151	99.0	57.7	32.0	24.2	19.0	16.6	13.6	11.9	10.7	9.0	4.8	4.1
1.75	274	162	105	60.0	34.0	25.0	19.6	17.0	14.0	12.3	11.0	9.3	5.0	4.1