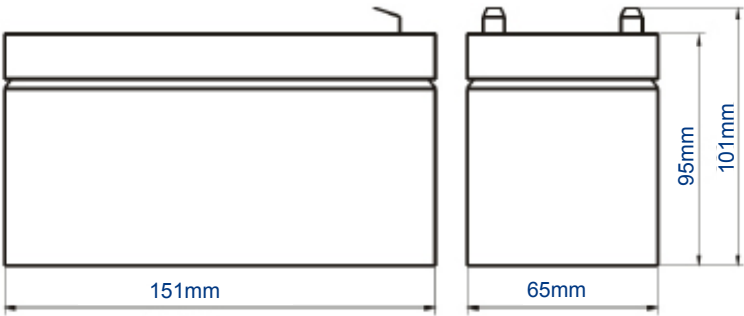
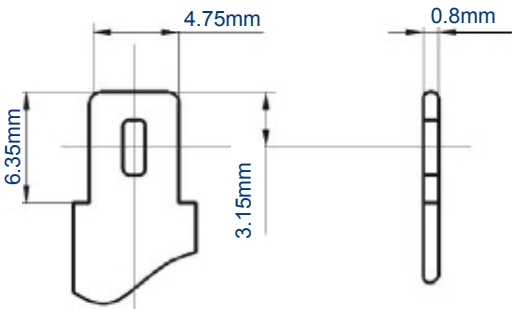


UL 9-12
12V 9AH

Terminal Type

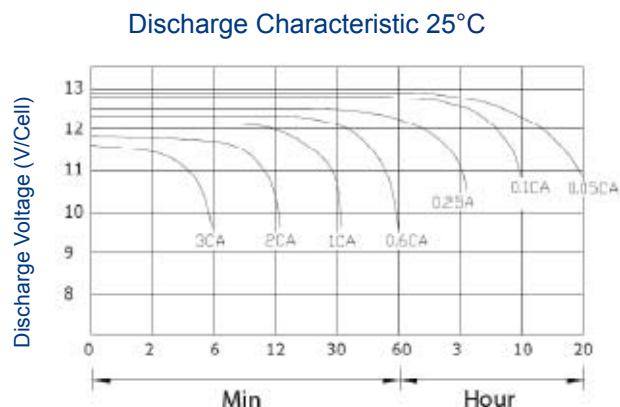
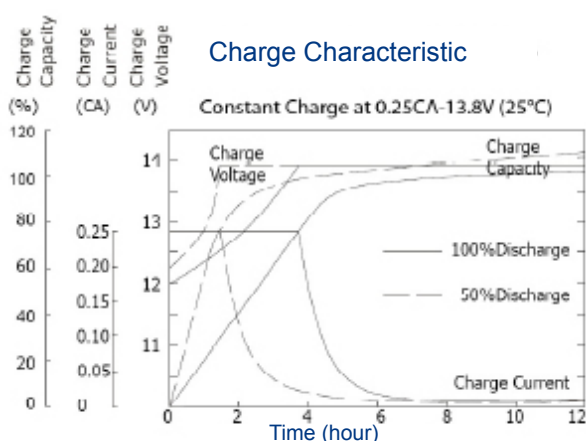


Specifications

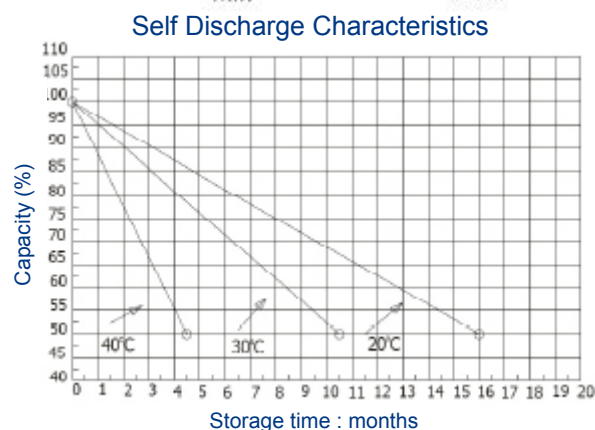
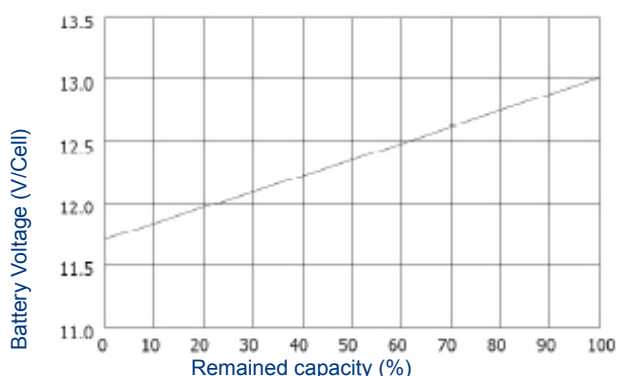
Battery Model	UL 9-12			
Designed Floating Life	5 Years			
Capacity (25°C)	20HR (0.45A, 1.75V)	10HR (0.885A, 1.75A)	5HR (1.53A, 1.75A)	1HR (5.4A, 1.75A)
	9.0AH	8.55AH	7.65AH	5.4AH
Dimensions	Length	Width	Height	Total Height
	151mm	65mm	111mm	101mm
Approx. Weight	2.9kg			
Internal Resistance	Fully Charged at 25°C 0.02 Ohm			
Self Discharge	3% of capacity declined per month at 25°C			
Capacity Affected by Temperature	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage (25°C)	Cycle Use		Float Use	
	14.4-14.8V (-30mV/°C), max.Current: 2.7A		13.6-13.8V (-20mV/°C)	

Construction

Component	- Raw material	Sealant	- Epoxy Resin
Positive	- Lead dioxide	Safety Valve	- EPDR
Negative	- Lead	Terminal	- Copper
Container	- ABS (Flame Retardent optional)	Separator	- Fibre Glass
Cover	- ABS (Flame Retardent optional)	Electrolyte	- Sulphuric acid
Sealed and maintenance free option		Non-spillable construction design	



Relationship of OCV and state of charge



Constant Current Discharge Ratings - amperes at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	35.5	21.8	16.5	10.1	5.40	2.81	1.66	0.92	0.51
1.67V	32.9	20.9	16.0	9.65	5.35	2.38	1.62	0.90	0.47
1.70V	30.4	20.0	15.5	8.75	5.15	2.25	1.58	0.88	0.46
1.75V	30.1	19.4	15.0	8.33	5.04	2.20	1.53	0.86	0.45
1.80V	26.6	18.5	14.0	7.72	4.70	2.14	1.51	0.85	0.45
1.85V	23.6	17.6	12.2	7.07	4.55	2.11	1.50	0.67	0.44

Constant Power Discharge Ratings - watts at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	72.0	46.8	36.0	20.9	11.7	4.55	3.10	1.75	0.92
1.67V	69.7	45.7	35.5	20.5	11.6	4.54	3.08	1.75	0.92
1.70V	66.8	45.0	34.6	20.2	11.4	4.50	3.07	1.73	0.91
1.75V	62.8	43.2	33.5	19.6	11.3	4.46	3.06	1.73	0.91
1.80V	54.5	40.0	32.0	19.1	10.9	4.37	3.03	1.69	0.90
1.85V	51.5	37.0	30.6	18.2	10.7	4.30	3.00	1.69	0.90