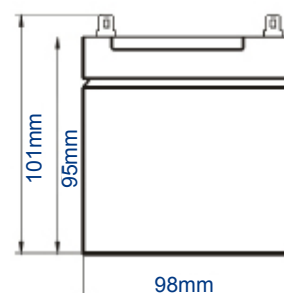
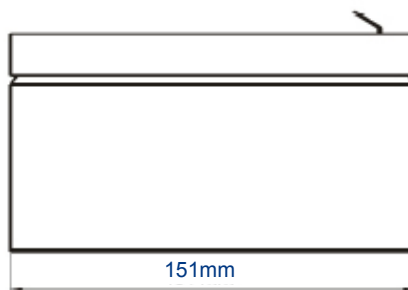
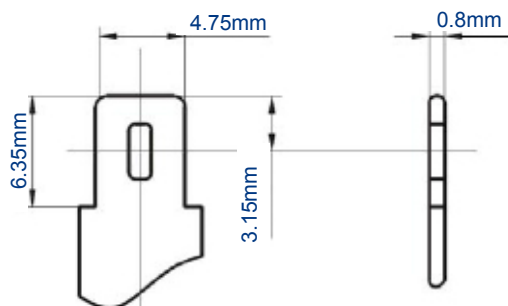


UL 12-12  
12V 12AH

**Ultracell®**  
'Quality in Every Language'



### Terminal Type

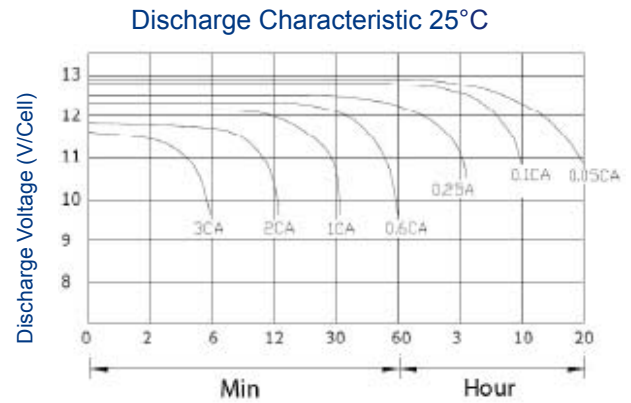
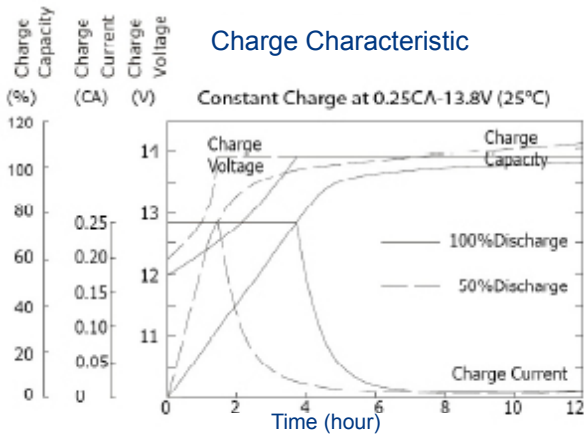


### Specifications

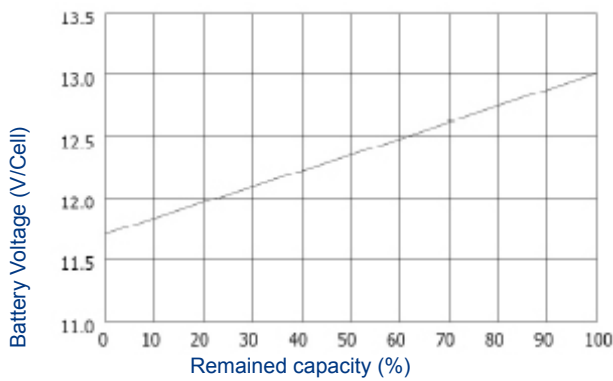
Battery Model	UL 12-12			
Designed Floating Life	5 Years			
Capacity (25°C)	20HR (0.6A, 1.75V)	10HR (1.14A, 1.75A)	5HR (2.04A, 1.75A)	1HR (7.2A, 1.75A)
	12.0AH	11.4AH	10.2AH	7.2AH
Dimensions	Length	Width	Height	Total Height
	151mm	98mm	95mm	101mm
Approx. Weight	4.0kg			
Internal Resistance	Fully Charged at 25°C 0.016 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: 3.6A		13.6-13.8V (-20mV/°C)	

### Construction

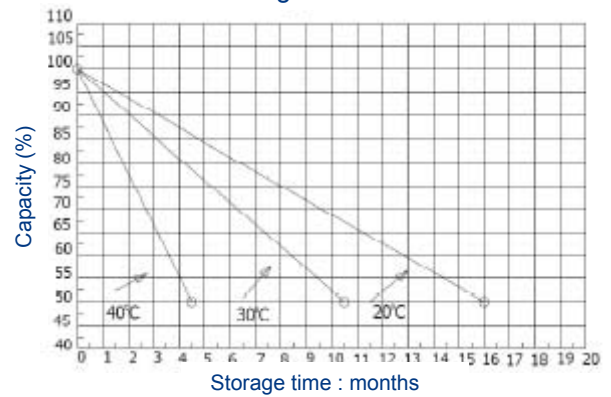
Component	- Raw material	Sealant	- Epoxy Resin
Positive	- Lead dioxide	Safety Valve	- EPDR
Negative	- Lead	Terminal	- Copper
Container	- ABS (Flame Retardent optional)	Separator	- Fibre Glass
Cover	- ABS (Flame Retardent optional)	Electrolyte	- Sulphuric acid
Sealed and maintenance free option		Non-spillable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



**Relationship of OCV and state of charge**



**Self Discharge Characteristics**



**Constant Current Discharge Ratings - amperes at 25°C**

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	47.3	29.0	22.0	13.4	7.20	3.35	2.21	1.22	0.67
1.67V	43.9	27.8	21.3	12.9	7.13	3.17	2.16	1.20	0.66
1.70V	40.6	26.6	20.7	11.7	6.86	3.00	2.11	1.16	0.64
1.75V	40.1	25.9	20.0	11.1	6.72	2.93	2.04	1.14	0.61
1.80V	35.5	24.7	18.2	10.3	6.26	2.86	2.02	1.13	0.60
1.85V	31.4	23.5	16.3	9.43	6.07	2.81	2.02	0.89	0.60

**Constant Power Discharge Ratings - watts at 25°C**

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	96.0	62.4	48.0	27.8	15.6	6.07	4.13	2.32	1.22
1.67V	92.9	61.0	47.3	27.4	15.4	6.05	4.12	2.32	1.22
1.70V	89.0	60.0	46.1	26.9	15.3	6.00	4.11	2.31	1.20
1.75V	83.8	57.6	44.6	26.2	15.0	5.95	4.08	2.31	1.20
1.80V	72.7	53.3	42.7	25.4	14.5	5.83	4.03	2.28	1.18
1.85V	68.6	49.4	40.8	24.2	14.2	5.74	3.98	2.28	1.18