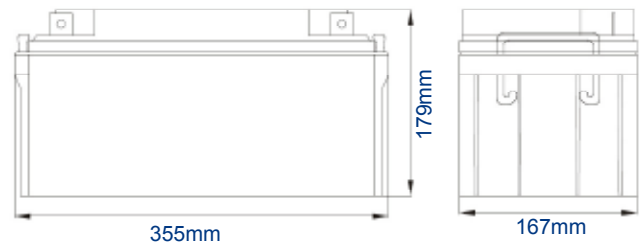
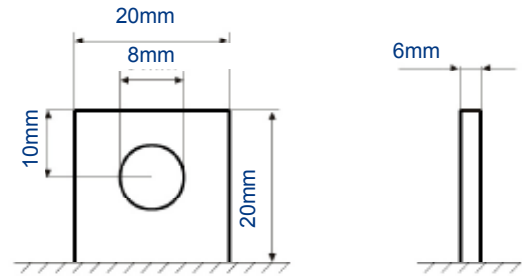


UL 65-12
12V 65AH

Ultracell®
'Quality in Every Language'



Terminal Type

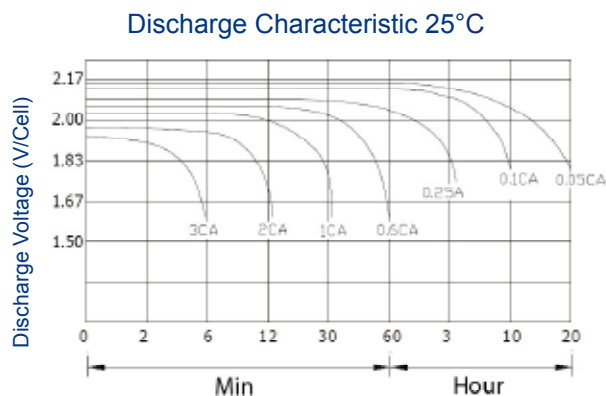
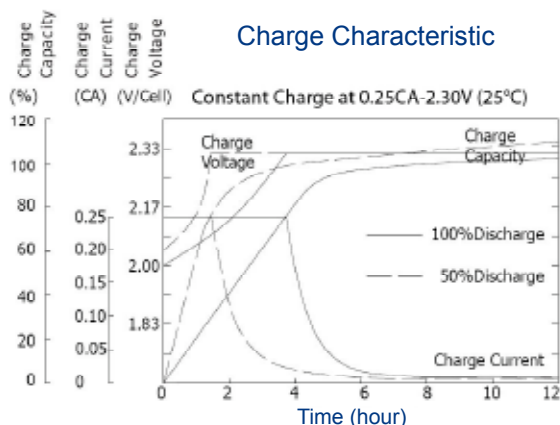


Specifications

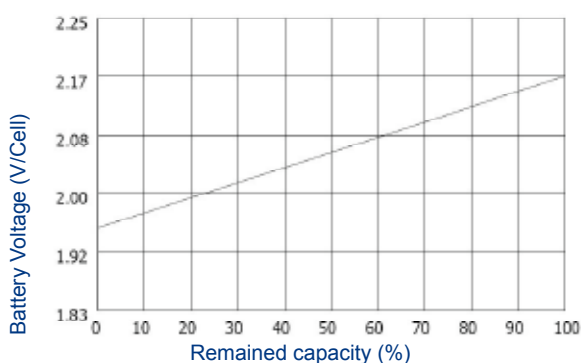
Battery Model	UL 65-12			
Designed Floating Life	8 Years			
Capacity (25°C)	20HR (3.25A, 1.75V)	10HR (61.8A, 1.75A)	5HR (11.05A, 1.75A)	1HR (39.0A, 1.75A)
	65AH	61.8AH	55.3AH	39.0AH
Dimensions	Length	Width	Height	Total Height
	350mm	166mm	176mm	176mm
Approx. Weight	23kg			
Internal Resistance	Fully Charged at 25°C 0.006 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: 16A		13.6 - 13.8V (-20mV/°C)	

Construction

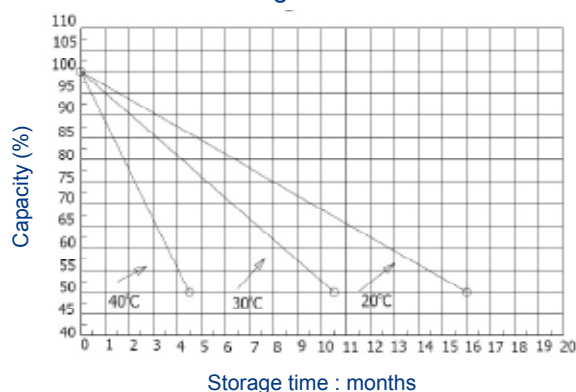
Component	- Raw material	Sealant	- Epoxy Resin
Positive	- Lead dioxide	Safety Valve	- EPDR
Negative	- Lead	Terminal	- Copper
Container	- ABS (Flame Retardent optional)	Separator	- Fibre Glass
Cover	- ABS (Flame Retardent optional)	Electrolyte	- Sulphuric acid
Sealed and maintenance free option		Non-spillable 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	256.1	157.3	119.2	72.7	39.1	20.2	12.0	6.63	3.64
1.67V	237.9	150.8	115.6	69.7	38.6	17.2	11.7	6.50	3.51
1.70V	219.7	144.3	112.0	63.2	37.1	16.3	11.4	6.37	3.51
1.75V	217.1	140.4	108.3	60.2	36.4	15.8	11.1	6.24	3.39
1.80V	192.4	133.9	98.41	55.8	33.9	15.5	10.9	6.20	3.32
1.85V	170.3	127.1	88.14	51.1	33.0	15.2	10.9	5.81	3.32

Constant Power Discharge Ratings - watts at 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
1.60V	520.0	338.0	260.0	150.8	84.5	32.9	22.4	12.6	6.63
1.67V	530.1	330.2	256.1	148.2	83.6	32.8	22.2	12.6	6.63
1.70V	482.3	325.0	249.6	145.6	82.7	32.5	22.2	12.5	6.50
1.75V	453.7	312.0	241.8	141.7	81.4	32.2	22.1	12.5	6.50
1.80V	393.9	288.6	231.4	137.8	78.8	31.6	21.8	12.2	6.37
1.85V	371.8	267.8	221.0	131.3	77.0	31.1	21.6	12.2	6.37