

UL 7 - 12
12V 7AH
STANDBY

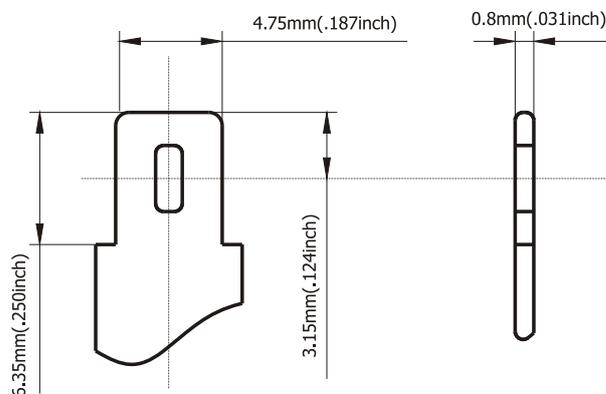
Ultracell®

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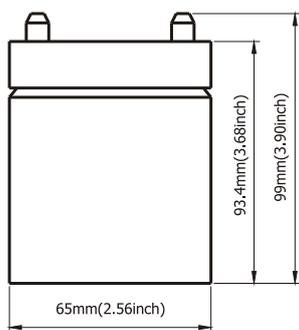
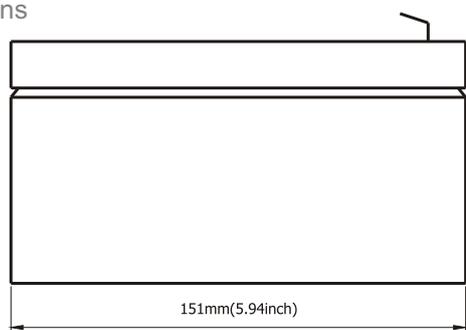
Image



Terminal Type



Dimensions



Ukai
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48015 - Bilbao
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Specifications

Battery Model	UL 7 - 12			
Designed Floating Life	5 Years			
Capacity (25°C)	20HR (0.35A, 1.75V)	10HR (0.665A, 1.75V)	5HR (1.19A, 1.75V)	1HR (4.2A, 1.55V)
	7AH	6.65AH	5.95AH	4.2AH
Dimensions	Length	Width	Height	Total Height
	151mm	65mm	93.4mm	99mm
Approx. Weight	2.05Kg			
Internal Resistance	Fully Charged at 25°C 0.028Ohm			
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	
	14.0-15.0V (-24mV/C), max. Current: 2.1A		13.6-13.8V (-18mV/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

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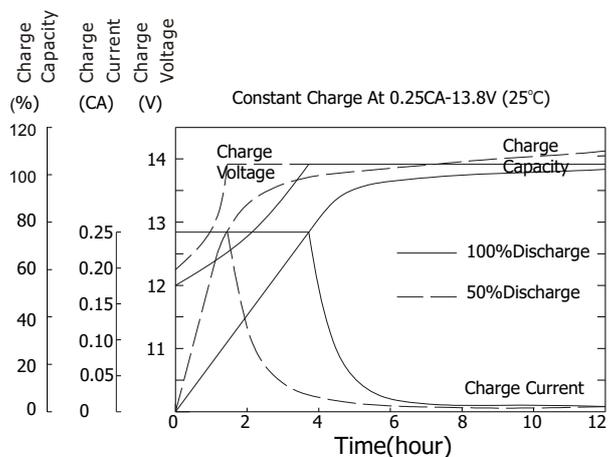
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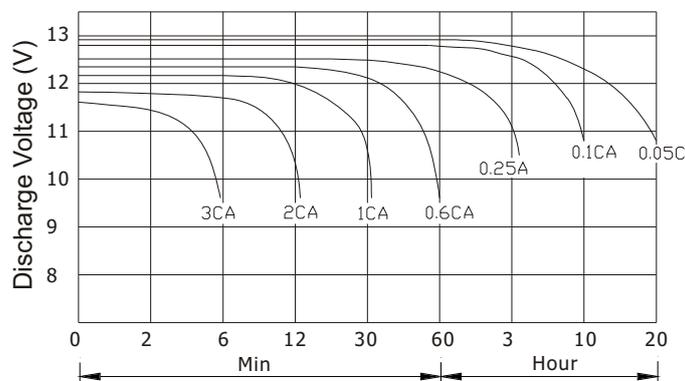
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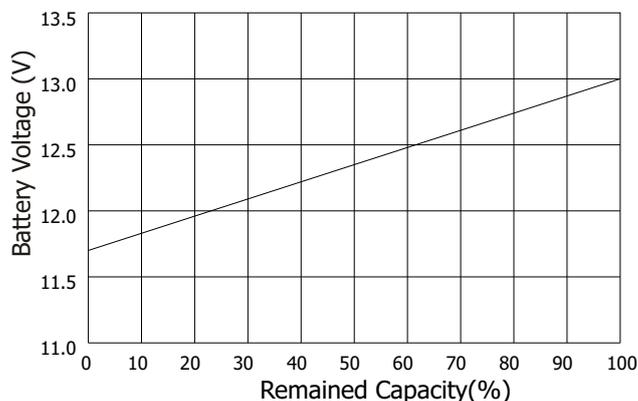
Charge Characteristic



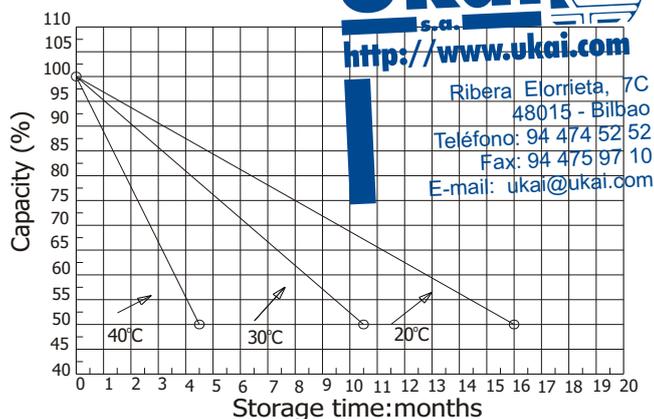
Discharge Characteristic 25°C



Relationship of OCV and state of charge



Self Discharge Characteristics



Constant Current Discharge Ratings - amperes at 25°C

F.V / Time	5 MIN	10 MIN	15 MIN	30 MIN	1 HR	3 HR	5 HR	10 HR	20 HR
1.60 V	27.6	16.9	12.8	7.83	4.20	2.18	1.29	0.71	0.39
1.67 V	25.6	16.2	12.4	7.50	4.16	1.85	1.26	0.70	0.37
1.70 V	23.7	15.5	12.0	6.80	4.00	1.75	1.23	0.67	0.36
1.75 V	23.4	15.1	11.7	6.48	3.92	1.70	1.19	0.67	0.35
1.80 V	20.7	14.4	10.6	6.00	3.65	1.67	1.18	0.67	0.35
1.85 V	18.3	13.7	9.49	5.50	3.54	1.64	1.18	0.52	0.35

Constant Power Discharge Ratings - watts at 25°C

F.V / Time	5 MIN	10 MIN	15 MIN	30 MIN	1 HR	3 HR	5 HR	10 HR	20 HR
1.60 V	56.0	36.4	28.0	16.2	9.10	3.54	2.41	1.36	0.71
1.67 V	54.2	35.6	27.6	16.0	9.00	3.53	2.40	1.36	0.71
1.70 V	51.9	35.0	26.9	15.7	8.90	3.50	2.39	1.35	0.70
1.75 V	48.9	33.6	26.0	15.3	8.77	3.47	2.38	1.34	0.70
1.80 V	42.4	31.1	24.9	14.8	8.48	3.42	2.35	1.33	0.69
1.85 V	40.0	28.8	23.8	14.1	8.29	3.36	2.32	1.33	0.69



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