

UL 2.9 - 12

12V 2.9AH

STANDBY

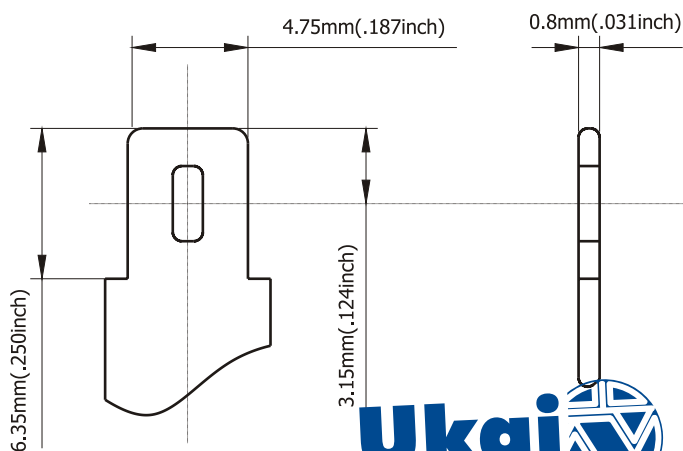
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Image



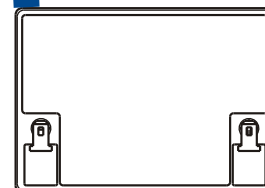
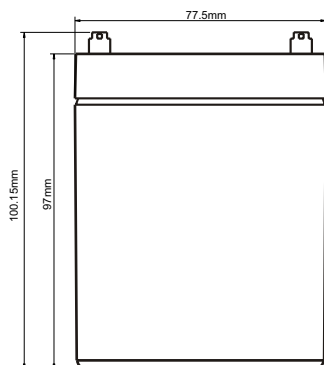
Terminal Type



Ukai
s.a.
<http://www.ukai.com>

Ribera Elorrieta, 7C
48015 - Bilbao
Teléfono: 94 474 52 52
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Dimensions



Specifications

Battery Model	UL 2.9 - 12			
Designed Floating Life	5 Years			
Capacity (25°C)	20HR (0.5A, 1.75V)	10HR (0.28A, 1.75V)	5HR (0.52A, 1.75V)	1HR (1.85A, 1.75V)
	3.0AH	2.8AH	2.5AH	1.85AH
Dimensions	Length	Width	Height	Total Height
	77.5mm	55mm	97mm	100.15mm
Approx. Weight	1.20Kg			
Internal Resistance	Fully Charged at 25°C 0.034 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 - 15V (-10mV/C), max. Current: 0.87A		13.6 - 13.8V (-20mV/C)	

Construction

Component ——— Raw material
Positive ——— Lead dioxide
Negative ——— Lead
Container ——— ABS (Flame Retardent optional)
Cover ——— ABS (Flame Retardent optional)

Sealed and maintenance free option

Sealant ——— Epoxy Resin
Safety Valve ——— EPDR
Terminal ——— Copper
Separator ——— Fibre Glass
Electrolyte ——— Sulphuric acid

Non-spillable construction design

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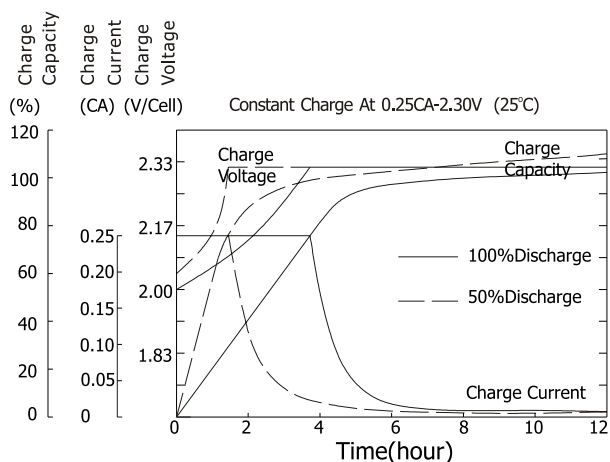
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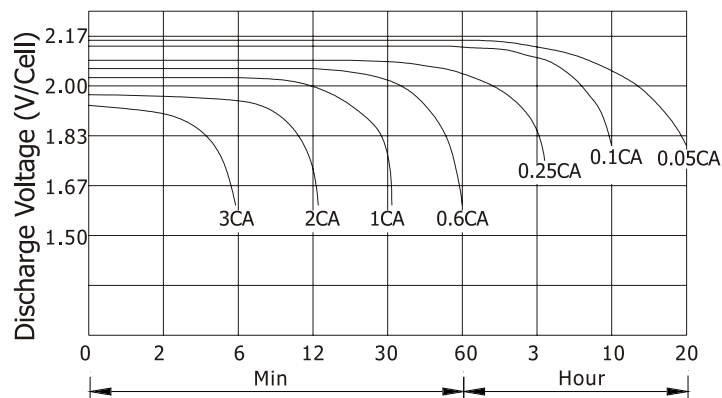
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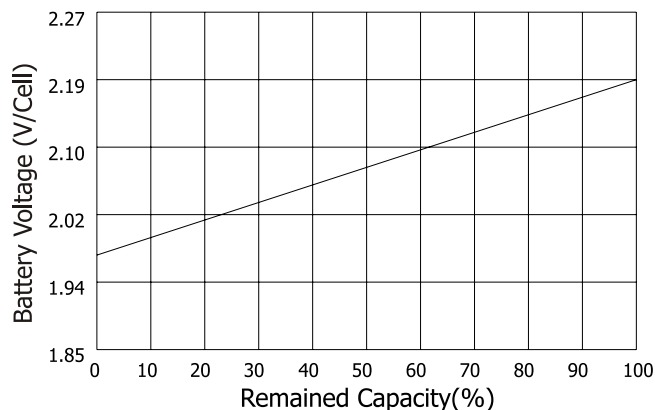
Charge Characteristic



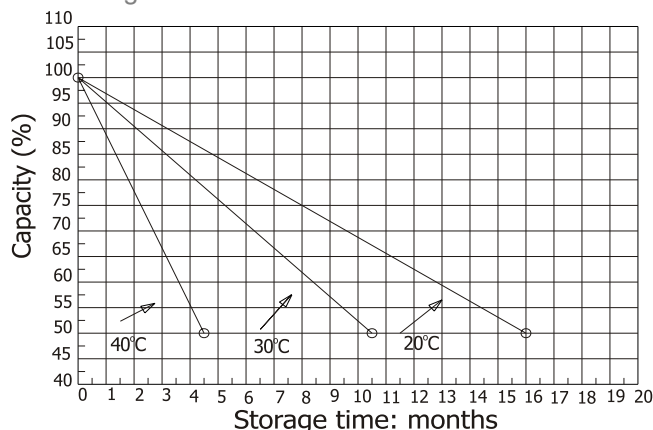
Discharge Characteristic 25°C



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	11.1	6.93	5.23	3.19	2.03	0.89	0.54	0.29	0.16
1.67 V	10.5	6.57	5.03	3.05	2.00	0.86	0.53	0.29	0.15
1.70 V	9.58	6.33	4.91	2.77	1.94	0.80	0.52	0.29	0.15
1.75 V	9.39	6.14	4.75	2.63	1.85	0.77	0.51	0.29	0.15
1.80 V	8.40	5.86	4.31	2.44	1.73	0.74	0.48	0.28	0.14
1.85 V	7.41	5.58	3.88	2.24	1.61	0.71	0.45	0.28	0.14

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	19.5	12.5	9.54	5.74	3.66	1.58	0.92	0.61	0.32
1.67 V	18.8	12.2	9.42	5.62	3.63	1.53	0.91	0.60	0.31
1.70 V	17.7	12.1	9.34	5.26	3.56	1.46	0.90	0.60	0.30
1.75 V	17.9	12.0	9.26	5.11	3.50	1.43	0.89	0.59	0.30
1.80 V	16.3	11.9	8.59	4.87	3.30	1.38	0.87	0.59	0.29
1.85 V	14.8	11.2	7.79	4.56	3.10	1.34	0.84	0.58	0.28



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