

LC-R064R5P*1



Contents indicated (including the recycle marking, etc.) are subject to change without notice.

Specifications

Nominal voltage	6V
Nominal capacity (20 hour rate)	4.5Ah
Length	70mm
Width	48mm
Height	102mm
Total Height	108mm
Approx. mass	0.72kg
Terminal	Faston 187

Characteristics

Capacity (25°C)	20 hour rate	4.5Ah
	10 hour rate	4.0Ah
	5 hour rate	3.6Ah
Internal resistance	Fully charged battery (25°C)	20mΩ
	40°C	102%
	25°C	100%
Temperature dependency of capacity (20 hour rate)	0°C	85%
	-15°C	65%
	Self discharge (25°C)	Alter 3 months
	Alter 6 months	82%
	Alter 12 months	64%

Watt Table

Case voltage	(Wattage/Battery)																
	3min	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	10h	20h	24h
4.8V	135	107	89.7	53.2	44.6	35.3	25.5	18.8	12.9	9.99	7.44	5.71	4.72	3.79	2.51	1.36	1.136
4.95V	125	100	83.3	52.8	43.9	35.3	25.3	18.8	12.7	9.92	7.40	5.68	4.66	3.76	2.50	1.36	1.133
5.1V	116	94	76.5	51.8	43.1	35.5	23.1	16.4	12.4	9.66	7.33	5.64	4.64	3.75	2.48	1.35	1.129
5.25V	103	84	61.6	46.2	41.0	31.8	22.7	15.0	12.1	9.32	7.21	5.60	4.60	3.70	2.46	1.35	1.125
5.4V	87	74	55.0	44.9	39.9	30.7	22.4	17.7	11.8	8.88	7.07	5.53	4.49	3.64	2.44	1.34	1.118

Ampere Table

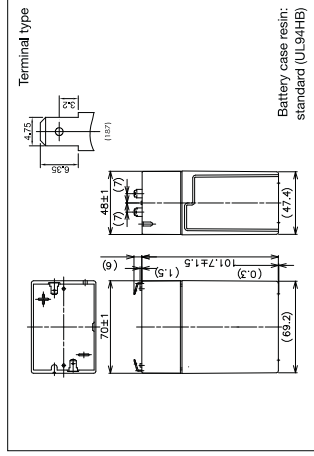
Case voltage	(Ampere/Battery)																
	3min	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	10h	20h	24h
4.8V	24.3	19.13	12.44	9.25	7.69	5.69	4.00	3.19	2.19	1.69	1.25	0.956	0.788	0.633	0.419	0.227	0.189
4.95V	22.6	17.94	12.19	9.19	7.56	5.63	3.98	3.19	2.14	1.68	1.24	0.950	0.781	0.630	0.417	0.226	0.189
5.1V	20.8	16.81	11.88	9.00	7.44	5.56	3.94	3.13	2.10	1.63	1.23	0.944	0.775	0.625	0.413	0.225	0.188
5.25V	18.5	15.06	11.00	8.38	7.06	5.44	3.88	3.06	2.06	1.58	1.21	0.938	0.769	0.618	0.411	0.225	0.188
5.4V	15.6	13.31	9.81	7.81	6.88	5.25	3.81	3.00	2.00	1.50	1.19	0.925	0.750	0.608	0.406	0.224	0.186

*1 This battery is also available with a flame retardant battery case resin (UL94 V-0).

Charging Method

Trickle use | Control voltage: 6.8 ~ 6.9V, Initial current: 0.675A or smaller

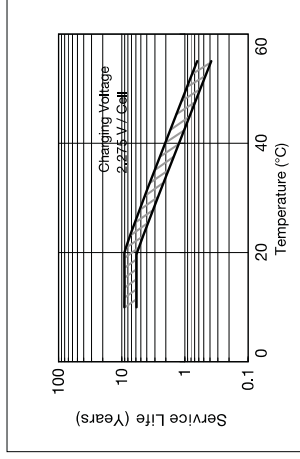
Dimensions (mm)



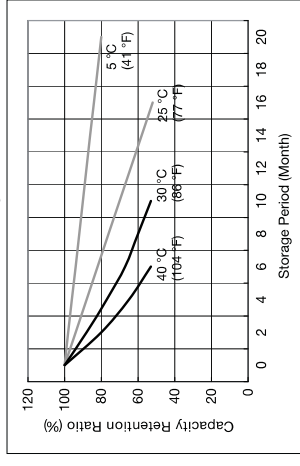
Cut off voltage

Discharge current	0.225A - 0.9A	2.25A - 4.5A	4.5A - 9A	9A - 13.5A
Cut off voltage (V)	5.25	5.1	4.95	4.65
				4.35

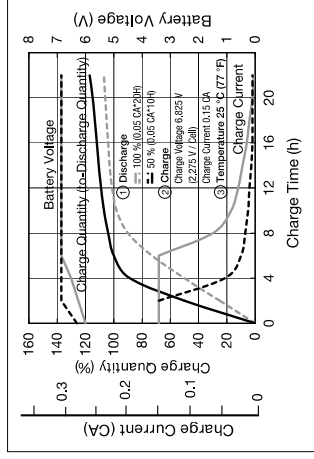
Influence of Temperature on Trickle life



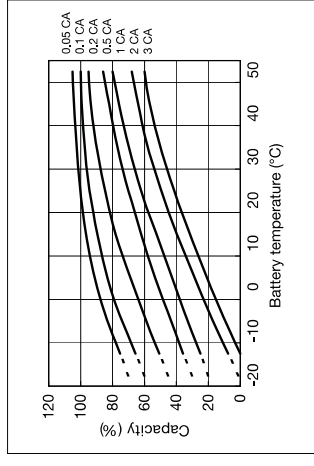
Residual capacity vs storage period



Constant-voltage and constant-current charge characteristics for Trickle use



Discharge capacity by temperature and by discharge current



Discharge characteristics

