



INDIVIDUAL DATA SHEETS

LC-R067R2P/P1* 1

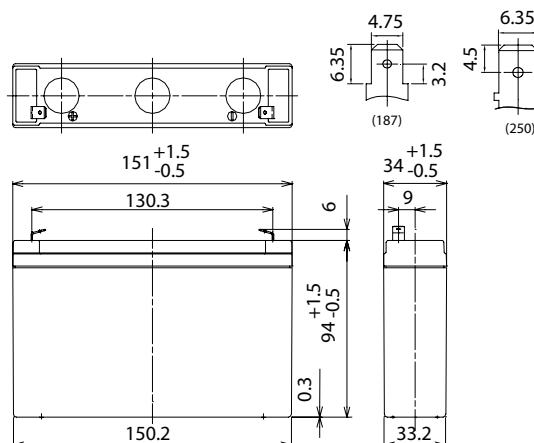
FOR MAIN AND STANDBY POWER SUPPLIES.
EXPECTED TRICKLE DESIGN LIFE: 6 – 9 YEARS AT 20°C
ACCORDING TO EUROBAT.

DIMENSIONS (MM)



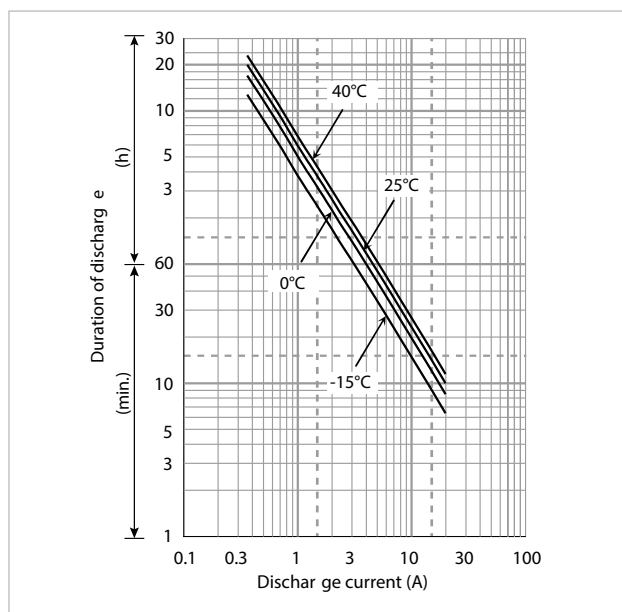
Contents indicated (including the recycle marking, etc.) are subject to change without notice. Battery case resin: standard (UL94 HB)

Terminal type (option)



Specifications		LC-R067R2P/P1* 1
Nominal voltage (V)		6
Nominal capacity	20 hours rate (Ah)	7.2
Dimensions	Length (mm)	34
	Width (mm)	151
	Total height (mm)	100
Approx. mass (kg)		1.30
Terminal type		Faston 187/250
Capacity (25°C)	20 hours rate (Ah)	7.2
	10 hours rate (Ah)	6.6
	3 hours rate (Ah)	5.8
	1 hour rate (Ah)	4.9
Impedance (mΩ)	Fully charged battery (25°C)	11
Temperature dependency of capacity (%) – 20 hours rate	40°C	102
	25°C	100
	0°C	85
	-15°C	65
Remaining capacity (25°C)	After 3 months (%)	91
	After 6 months (%)	82
	After 12 months (%)	64

DURATION OF DISCHARGE VS. DISCHARGE CURRENT



WATT TABLE (25°C)

(Wattage/battery)

Cut-off	3min.	5min.	10min.	15min.	20min.	30min.	45min.	1h	1.5h	2h	3h	4h	5h	6h	10h	20h
4.80V	215	167	110	83.5	67.1	49.2	36.0	28.2	22.3	17.3	12.3	9.60	7.69	6.40	4.19	2.30
4.95V	202	143	93.5	79.5	64.8	48.2	35.8	27.6	21.9	17.2	12.1	9.53	7.63	6.27	4.18	2.29
5.10V	189	136	91.0	75.5	63.0	47.2	34.3	26.8	20.7	16.3	11.8	9.33	7.32	6.11	4.00	2.21
5.25V	172	124	86.8	72.2	60.2	45.4	33.4	26.2	19.9	15.8	11.5	9.15	7.27	6.05	3.98	2.14
5.40V	154	112	82.0	69.1	57.7	43.6	31.3	24.2	18.6	14.0	10.7	8.46	6.67	5.60	3.71	2.07

AMPERE TABLE (25°C)

(Ampere/battery)

Cut-off	3min.	5min.	10min.	15min.	20min.	30min.	45min.	1h	1.5h	2h	3h	4h	5h	6h	10h	20h
4.80V	38.9	30.6	19.9	14.8	12.3	9.10	6.40	5.10	3.50	2.70	2.00	1.53	1.26	1.02	0.670	0.363
4.95V	36.1	28.7	19.5	14.7	12.1	9.00	6.36	5.05	3.43	2.68	1.99	1.52	1.25	1.01	0.667	0.362
5.10V	34.2	26.9	19.0	14.4	11.9	8.90	6.30	5.00	3.36	2.61	1.97	1.51	1.24	1.00	0.660	0.361
5.25V	31.4	24.1	17.6	13.4	11.3	8.70	6.20	4.90	3.29	2.52	1.94	1.50	1.23	0.988	0.657	0.360
5.40V	29.0	22.3	15.7	12.5	11.0	8.40	6.10	4.80	3.20	2.40	1.90	1.48	1.20	0.972	0.650	0.358

All mentioned values are average values

*1 This battery is also available with a flame-retardant battery case resin (UL94 V-0): LC-V067R2P/P1.

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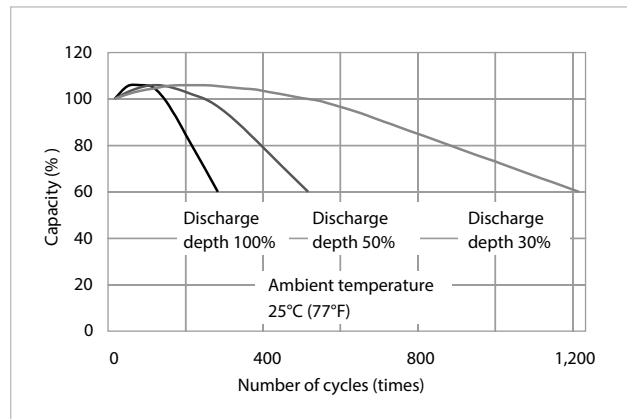
CHARGING METHOD (25°C)

Cycle use	Control voltage: 7.25V - 7.45V Initial current: 2.88A or smaller
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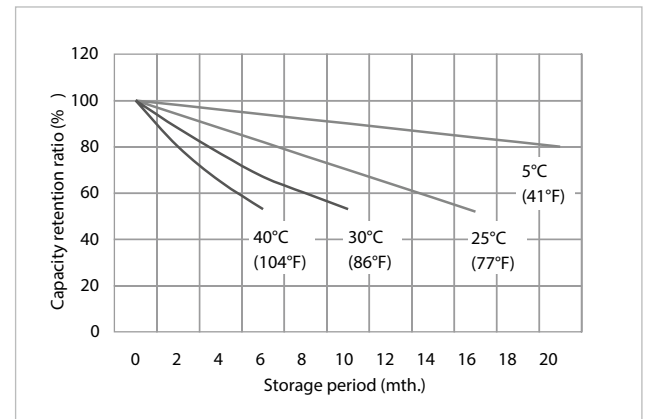
CUT-OFF VOLTAGE

Discharge current	0.360A - 1.44A	1.44A - 3.60A	3.60A - 7.20A	7.20A - 14.4A	14.4A - 21.6A
Cut-off voltage	5.25V	5.10V	4.95V	4.65V	4.35V

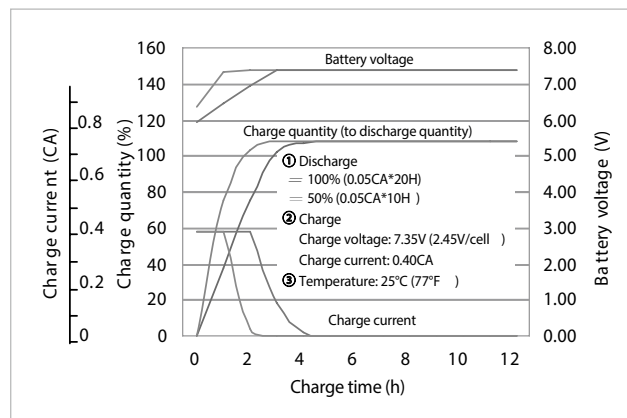
CYCLE LIFE VS. DEPTH OF DISCHARGE (ACC. IEC 61056)



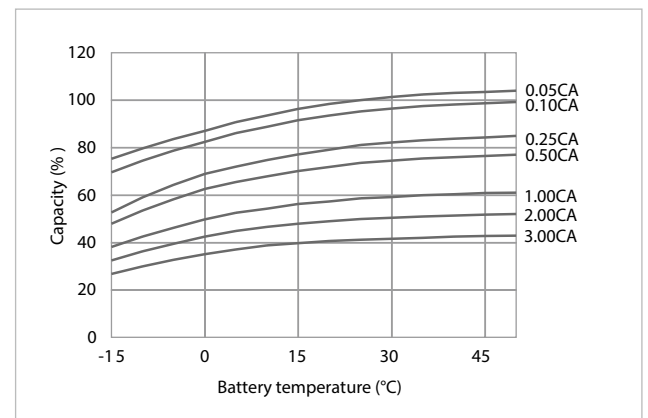
RESIDUAL CAPACITY TEST RESULT



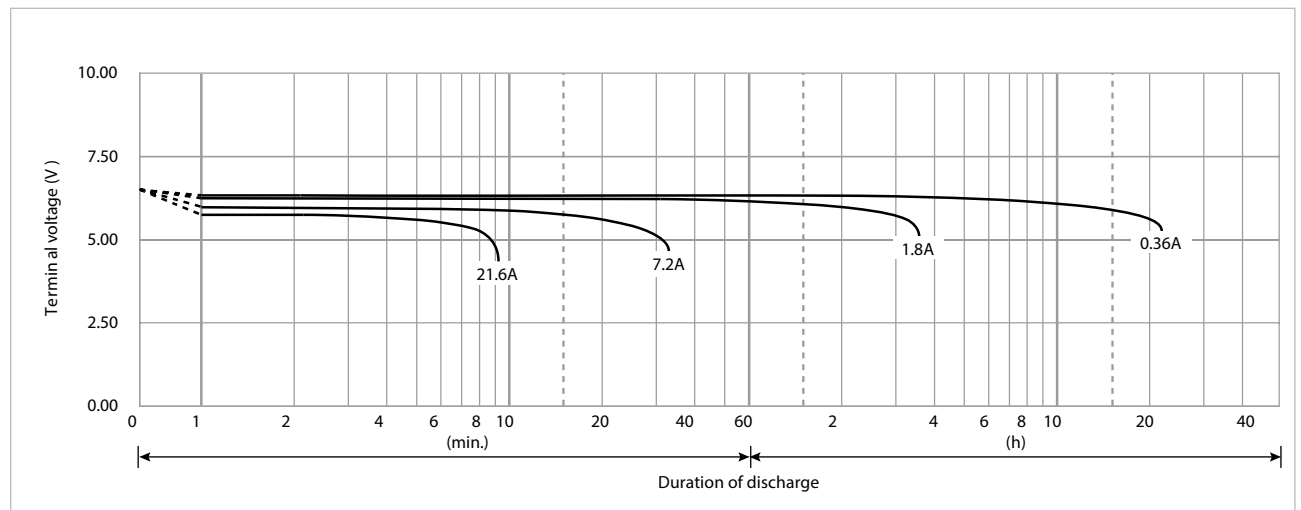
CONSTANT-VOLTAGE CONSTANT-CURRENT CHARGE CHARACTERISTICS FOR CYCLE USE



DISCHARGE CAPACITY BY TEMPERATURE AND BY DISCHARGE CURRENT



DISCHARGE CHARACTERISTICS



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