



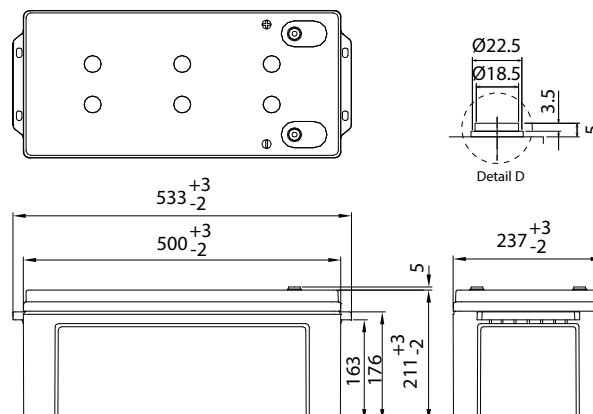
INDIVIDUAL DATA SHEETS

LC-P12200BP* ¹

DIMENSIONS (MM)



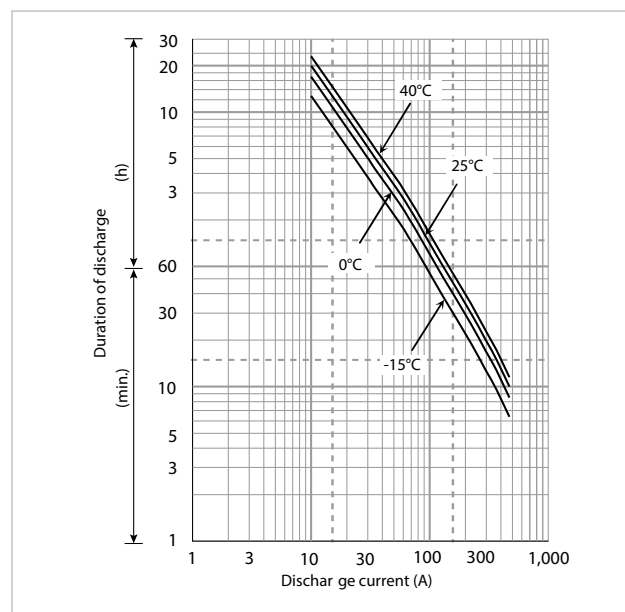
Terminal type



Contents indicated (including the recycle marking, etc.) are subject to change without notice. Battery case resin: flame-retardant (UL94 V-0)

Specifications		LC-P12200BP* ¹
Nominal voltage (V)		12
Nominal capacity		20 hours rate (Ah) 200
Dimensions	Length (mm)	237
	Width (mm)	533
	Total height (mm)	216
Approx. mass (kg)		57.0
Terminal type		M8x20 insert
Capacity (25°C)	20 hours rate (Ah)	200
	10 hours rate (Ah)	187
	3 hours rate (Ah)	169
	1 hour rate (Ah)	118
Impedance (mΩ)		Fully charged battery (25°C) 2.5
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	5min.	10min.	15min.	20min.	30min.	45min.	1h	1.5h	2h	3h	4h	5h	6h	10h	20h
9.6V	6,577	5,182	4,285	3,512	2,651	1,863	1,505	1,106	917	668	524	432	369	235	129
9.9V	6,427	5,052	4,264	3,491	2,577	1,807	1,478	1,105	893	660	512	420	363	234	128
10.2V	5,643	4,649	3,966	3,175	2,352	1,674	1,336	965	837	618	483	401	333	222	128
10.5V	5,092	4,390	3,851	3,085	2,308	1,634	1,296	925	821	608	475	396	331	221	128
10.8V	4,462	3,876	3,725	3,017	2,253	1,573	1,246	877	800	592	464	388	325	220	128

AMPERE TABLE (25°C)

(Ampere/battery)

Cut-off	5min.	10min.	15min.	20min.	30min.	45min.	1h	1.5h	2h	3h	4h	5h	6h	10h	20h
9.6V	655	471	366	297	222	163	130	95.7	86.0	59.6	45.6	37.0	30.2	19.0	10.1
9.9V	640	460	357	290	217	159	126	92.3	84.6	58.5	44.8	36.1	29.8	18.9	10.1
10.2V	564	425	346	281	210	154	121	87.7	83.0	57.3	43.7	35.3	29.2	18.8	10.0
10.5V	509	401	336	273	206	150	118	84.1	81.5	56.4	43.0	34.9	29.0	18.7	10.0
10.8V	446	354	325	267	201	145	113	79.7	79.4	54.9	42.0	34.1	28.4	18.5	9.99

All mentioned values are average values

*¹ This battery is equipped with insert terminals.

LC-P12200BP* 1

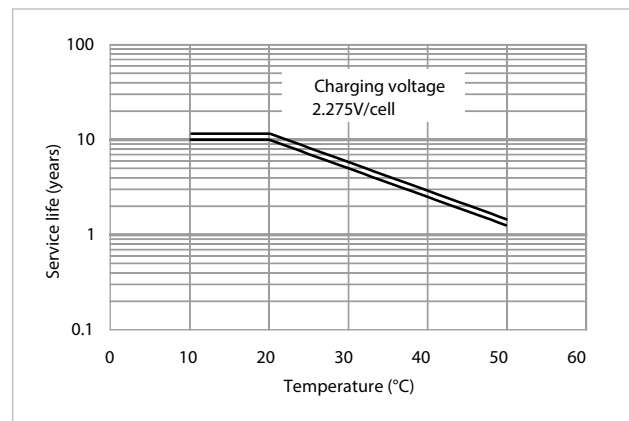
CHARGING METHOD (25°C)

Cycle use	Control voltage: 13.6V - 13.8V Initial current: 30.0A or smaller
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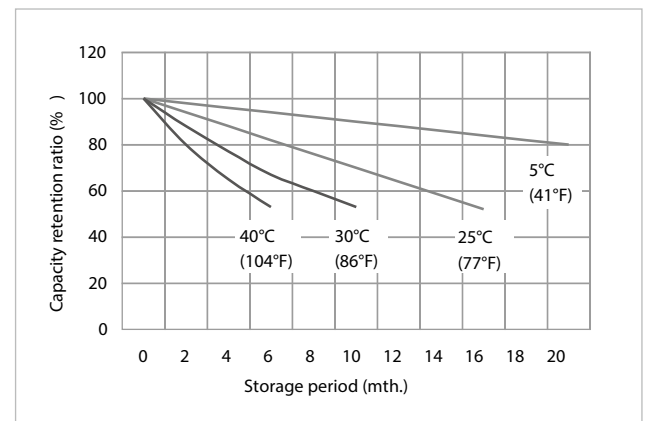
CUT-OFF VOLTAGE

Discharge current	10.0A - 40.0A	40.0A - 100A	100A - 200A	200A - 400A	400A - 600A
Cut-off voltage	10.5V	10.2V	9.9V	9.3V	8.7V

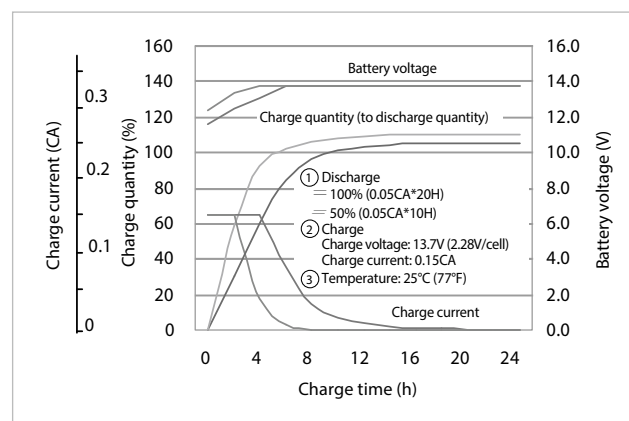
INFLUENCE OF TEMPERATURE ON TRICKLE LIFE



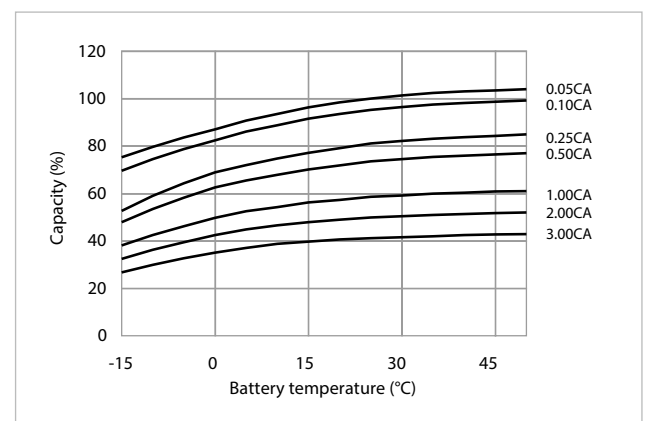
RESIDUAL CAPACITY TEST RESULT



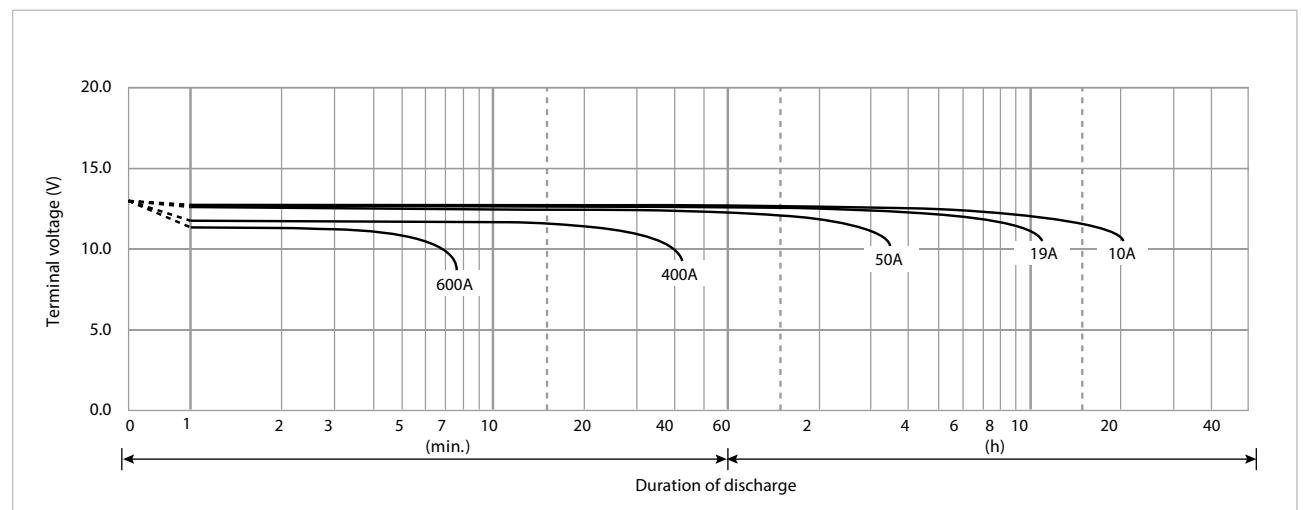
CONSTANT-VOLTAGE CONSTANT-CURRENT CHARGE CHARACTERISTICS FOR TRICKLE USE



DISCHARGE CAPACITY BY TEMPERATURE AND BY DISCHARGE CURRENT



DISCHARGE CHARACTERISTICS



*1 This battery is equipped with insert terminals.