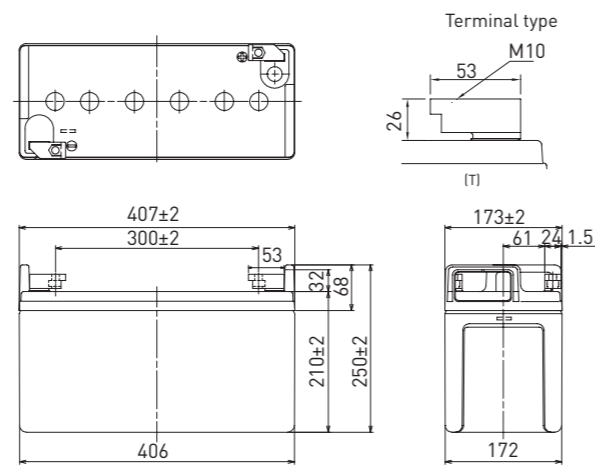


LC-QA06210TP

DIMENSIONS (MM)



FOR STANDBY POWER SUPPLIES.
EXPECTED TRICKLE DESIGN LIFE: 15 YEARS AT 20°C.



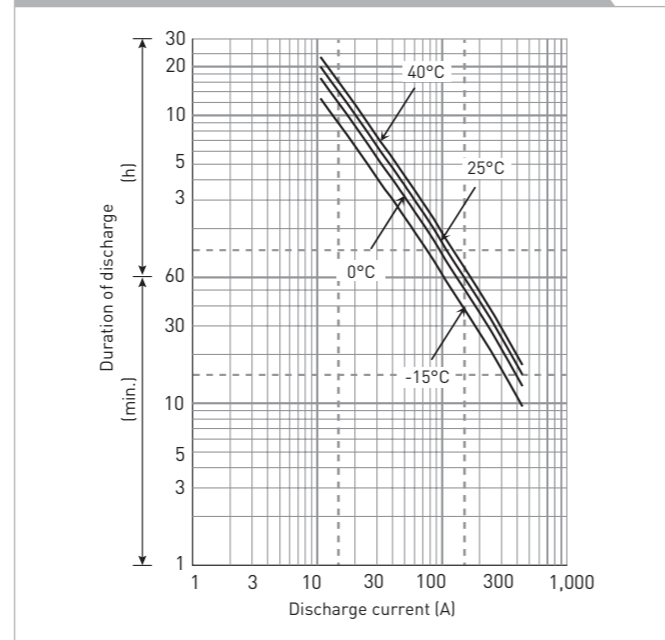
Contents indicated (including the recycle marking, etc.) are subject to change without notice.

Battery case resin: flame retardant (UL94 V-0)

SPECIFICATIONS

Name	LC-QA06210TP
Nominal voltage	6V
Nominal capacity (20 hour rate)	210Ah
Dimensions	Length 407mm
	Width 173mm
	Height 250mm
Approx. mass	36.5kg
Terminal	M10 T-shape
Capacity (25°C)	20 hour rate 212Ah
	10 hour rate 202Ah
	3 hour rate 176Ah
	1 hour rate 135Ah
Impedance	Fully charged battery (25°C) 1.5mΩ
	40°C 102%
Temperature dependency of capacity (20 hour rate)	25°C 100%
	0°C 85%
	-15°C 65%
	After 3 month 91%
Self-discharge (25°C)	After 6 month 82%
	After 12 month 64%

DURATION OF DISCHARGE VS. DISCHARGE CURRENT



WATT TABLE (25°C)

Cut-off	15min.	20min.	30min.	45min.	1h	1.5h	2h	3h	4h	5h	6h	10h	20h
4.80V	2,220	1,816	1,349	986	769	561	467	343	274	222	191	121	61.8
4.95V	2,167	1,773	1,317	964	749	546	454	337	268	215	185	117	61.3
5.10V	2,089	1,709	1,274	954	729	531	448	331	262	209	180	115	61.1
5.25V	2,063	1,696	1,264	939	708	517	439	325	260	206	179	114	60.6
5.40V	1,966	1,687	1,223	905	698	509	428	319	254	203	177	113	59.8

AMPERE TABLE (25°C)

Cut-off	15min.	20min.	30min.	45min.	1h	1.5h	2h	3h	4h	5h	6h	10h	20h
4.80V	440	364	274	200	153	107	88.1	61.5	47.6	39.5	32.3	20.5	10.6
4.95V	438	362	272	195	144	105	87.5	60.4	47.1	38.8	32.2	20.4	10.6
5.10V	436	358	268	193	140	104	86.4	60.0	46.7	38.2	32.1	20.3	10.6
5.25V	412	341	263	191	135	103	85.4	58.7	46.2	38.0	32.0	20.2	10.6
5.40V	398	333	259	165	131	92.3	81.1	57.3	45.6	37.8	31.0	20.1	10.4

All mentioned values are average values

LC-QA06210TP

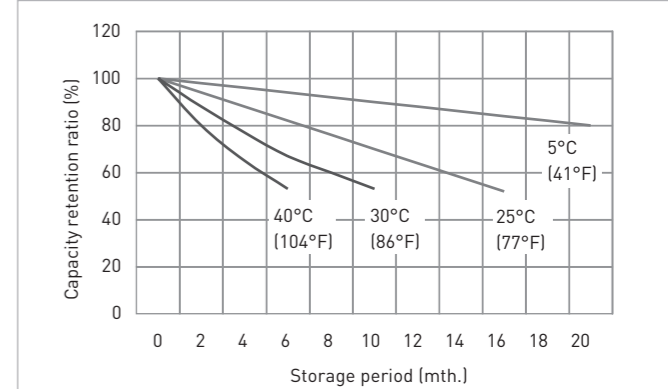
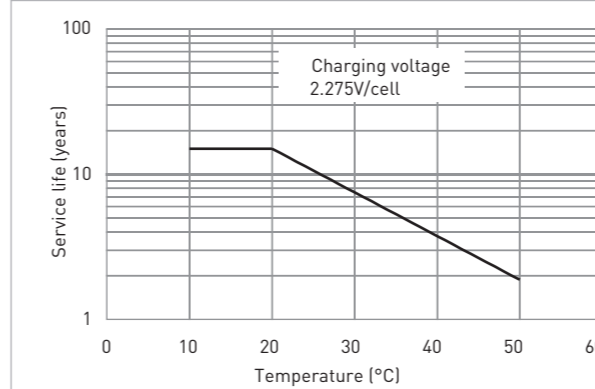
CHARGING METHOD (25°C)

Trickle use Control voltage: 6.80V - 6.90V
Initial current: 31.5A or smaller

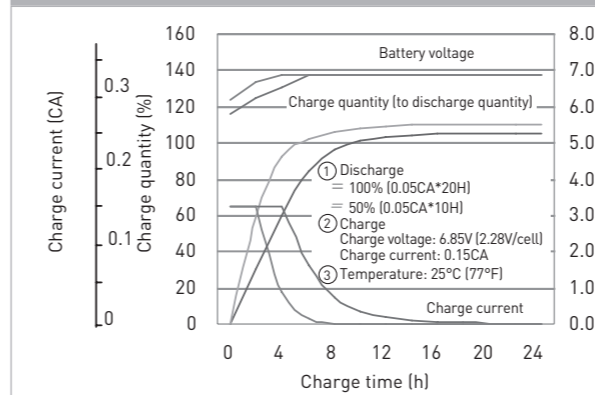
CUT-OFF VOLTAGE

Discharge current	10.5A - 42.0A	42.0A - 105A	105A - 210A	210A - 420A	420A - 630A
Cut-off voltage	5.25V	5.10V	4.95V	4.65V	4.35V

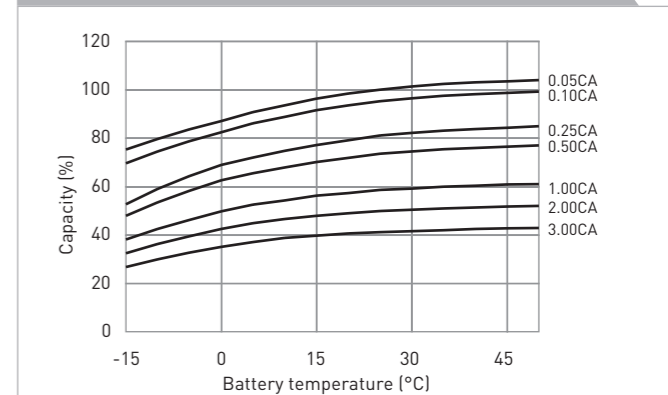
INFLUENCE OF TEMPERATURE ON TRICKLE LIFE



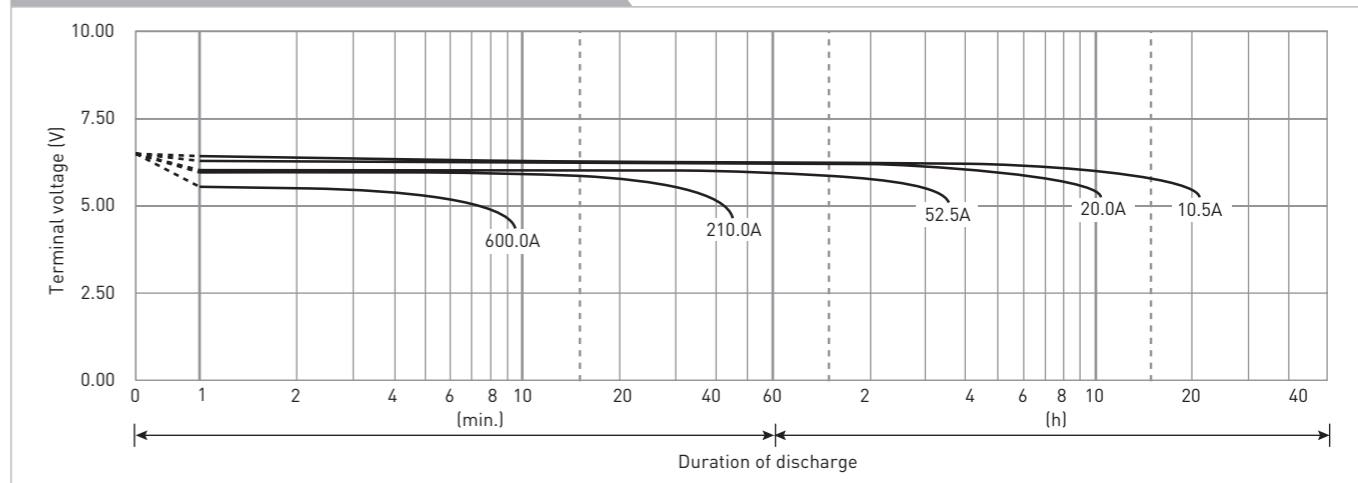
CONSTANT-VOLTAGE CONSTANT-CURRENT CHARGE CHARACTERISTICS FOR TRICKLE USE



DISCHARGE CAPACITY BY TEMPERATURE AND BY DISCHARGE CURRENT



DISCHARGE CHARACTERISTICS



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