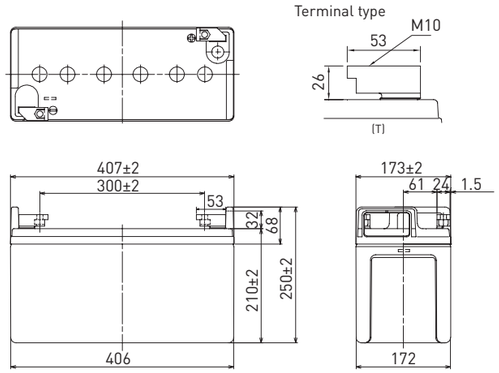
LC-P06200TA

FOR STANDBY POWER SUPPLIES.
EXPECTED TRICKLE DESIGN LIFE: 10 – 12 YEARS AT 20°C
ACCORDING TO EUROBAT.

DIMENSIONS (MM)



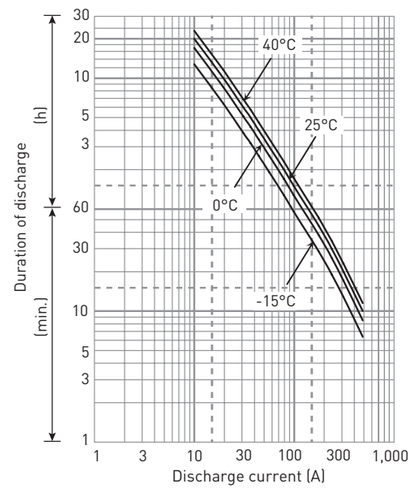
Contents indicated (including the recycle marking, etc.) are subject to change without notice.

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

SPECIFICATIONS

Name		LC-P06200TA
Nominal voltage		6V
Nominal capacity (20 hour rate)		200Ah
Dimensions	Length	407mm
	Width	173mm
	Height	250mm
Approx. mass		33.5kg
Terminal		M10 T-shape
Capacity (25°C)	20 hour rate	200Ah
	10 hour rate	195Ah
	3 hour rate	166Ah
	1 hour rate	120Ah
Impedance	Fully charged battery (25°C)	2mΩ
Temperature dependency of capacity (20 hour rate)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	After 3 month	91%
	After 6 month	82%
	After 12 month	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
4.80V	2,786	2,306	1,892	1,592	1,206	892	721	525	434	296	225	183	154	93.2	47.0
4.95V	2,737	2,254	1,847	1,554	1,177	885	702	511	423	291	220	178	149	90.0	46.7
5.10V	2,565	2,204	1,781	1,498	1,139	877	683	497	417	286	215	173	145	88.9	46.1
5.25V	2,298	2,134	1,759	1,487	1,130	852	664	483	408	281	213	170	143	87.9	45.8
5.40V	2,031	1,947	1,676	1,479	1,094	840	655	476	399	275	208	167	140	86.8	45.5

AMPERE TABLE (25°C)

(Ampere/battery)

Cut-off	5min.	10min.	15min.	20min.	30min.	45min.	1h	1.5h	2h	3h	4h	5h	6h	10h	20h
4.80V	591	485	384	318	241	179	135	99.0	81.8	57.9	44.9	37.8	31.2	19.8	10.3
4.95V	530	480	382	316	239	174	130	97.1	81.2	56.8	44.5	37.2	31.1	19.7	10.2
5.10V	468	467	380	312	235	173	125	96.3	80.2	56.4	44.1	36.6	31.0	19.6	10.1
5.25V	408	433	359	298	231	172	120	95.2	79.2	55.2	43.6	36.4	30.5	19.5	10.0
5.40V	357	379	348	290	228	148	115	85.7	75.2	53.9	43.0	36.2	30.0	19.4	9.80

All mentioned values are average values

LC-P06200TA

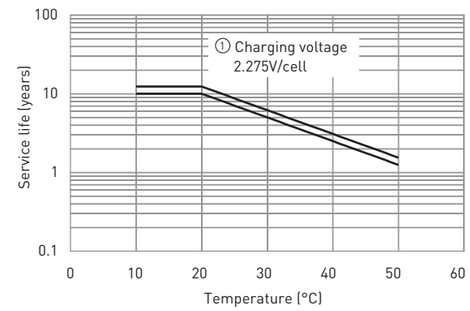
CHARGING METHOD (25°C)

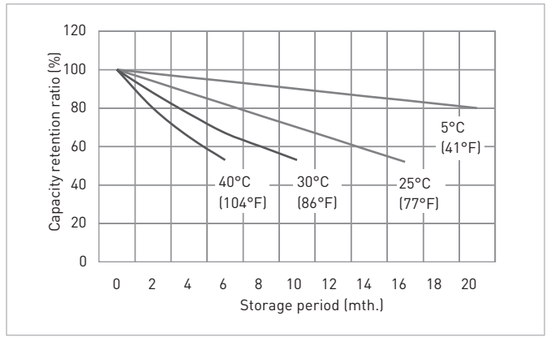
Trickle use	Control voltage: 6.80V - 6.90V Initial current: 30.0A or smaller

CUT-OFF VOLTAGE

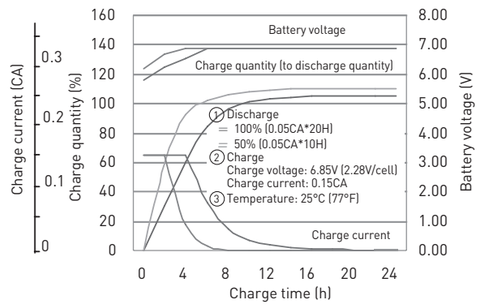
Discharge current	10.0A - 40.0A	40.0A - 100A	100A - 200A	200A - 400A	400A - 600A
Cut-off voltage	5.25V	5.10V	4.95V	4.65V	4.35V

INFLUENCE OF TEMPERATURE ON TRICKLE LIFE

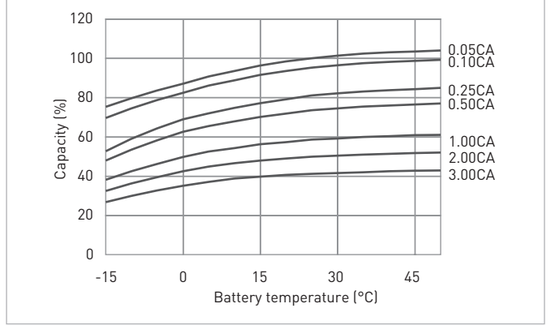




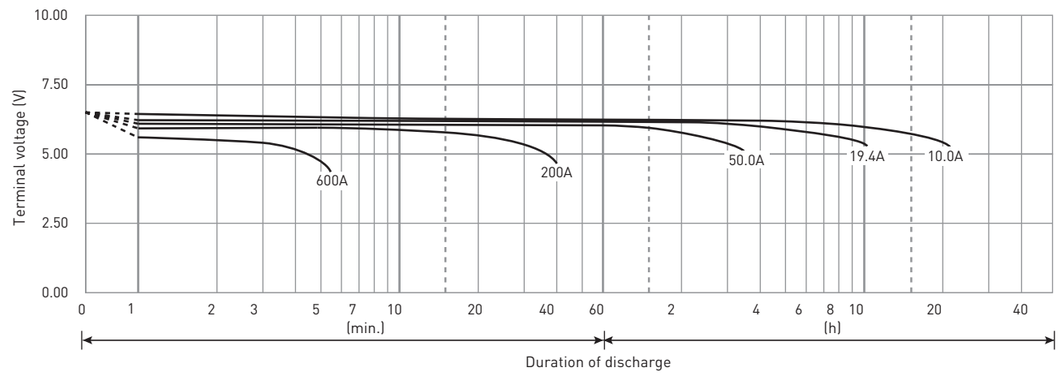
CONSTANT-VOLTAGE CONSTANT-CURRENT CHARGE CHARACTERISTICS FOR TRICKLE USE



DISCHARGE CAPACITY BY TEMPERATURE AND BY DISCHARGE CURRENT



DISCHARGE CHARACTERISTICS



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