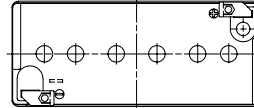


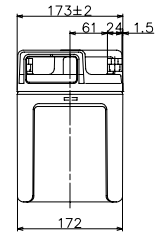
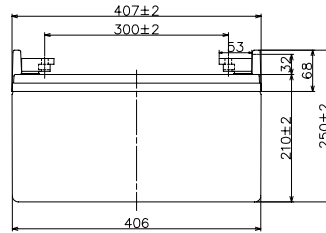
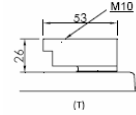
For standby power supplies
 Expected trickle life: 10 years at 25°C
 15 years at 20°C



■ Dimensions(mm)



Terminal type



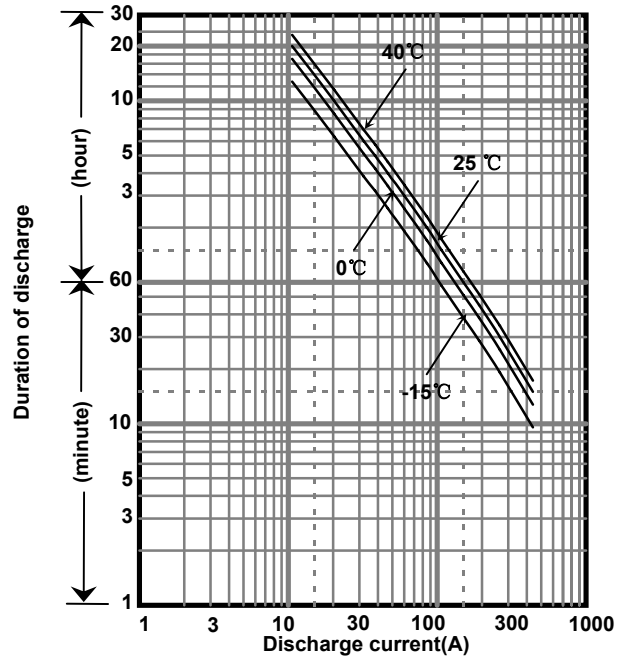
※Contents indicated (including the recycle marking, etc) are subject to change without notice.

Battery case resin: Flame-retardant (UL94V-0)

■ Specifications

Nominal Voltage		6V
Rated Capacity(20HR)		210Ah
Dimensions	Length	407 mm
	Width	173 mm
	Height	210 mm
	Total height	250 mm
Approx. Mass		36.5 kg
Terminal		M10 Bolt T type

■ Duration of discharge vs. discharge current



■ Characteristics

Capacity (25 °C)	20 hour rate	210Ah
	10 hour rate	200Ah
	3 hour rate	176Ah
	1 hour rate	135Ah
Internal Resistance (25 °C)	Fully charged battery	1.5 mΩ
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 months	91%
	After 6 months	82%
	After 12 months	64%

■ Watt Table(25°C)

Wattge values in the table are average instead of guaranteed value, please consider appropriate redundancy by application.

(Wattage/Battery)

Cut-off V	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	10h	20h
4.80V	2220	1816	1349	986	769	561	467	343	274	222	191	121	61.8
4.95V	2167	1773	1317	964	749	546	454	337	268	215	185	117	61.3
5.10V	2089	1709	1274	954	729	531	448	331	262	209	180	115	61.1
5.25V	2063	1696	1264	939	708	517	439	325	260	206	179	114	60.6
5.40V	1966	1687	1223	905	698	509	428	319	254	203	177	113	59.8

■ Ampere Table(25°C)

Ampere values in the table are average instead of guaranteed value, please consider appropriate redundancy by application.

(Ampere/Battery)

Cut-off V	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

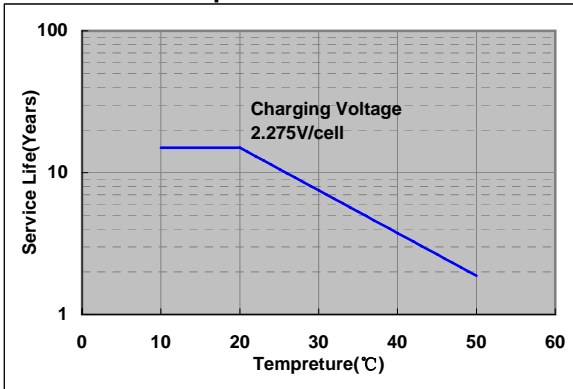
Charging Method (25°C)

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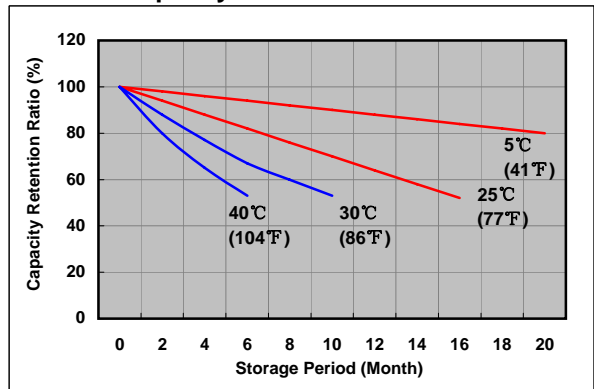
Cut off voltage

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

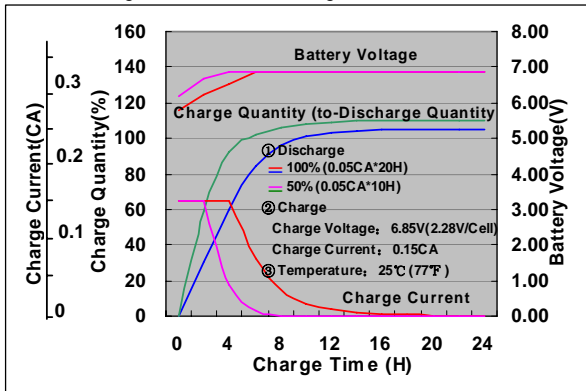
Influence of Temperature on Trickle life



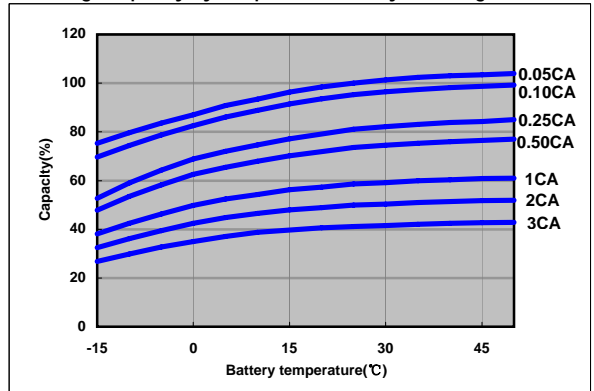
Residual capacity test result



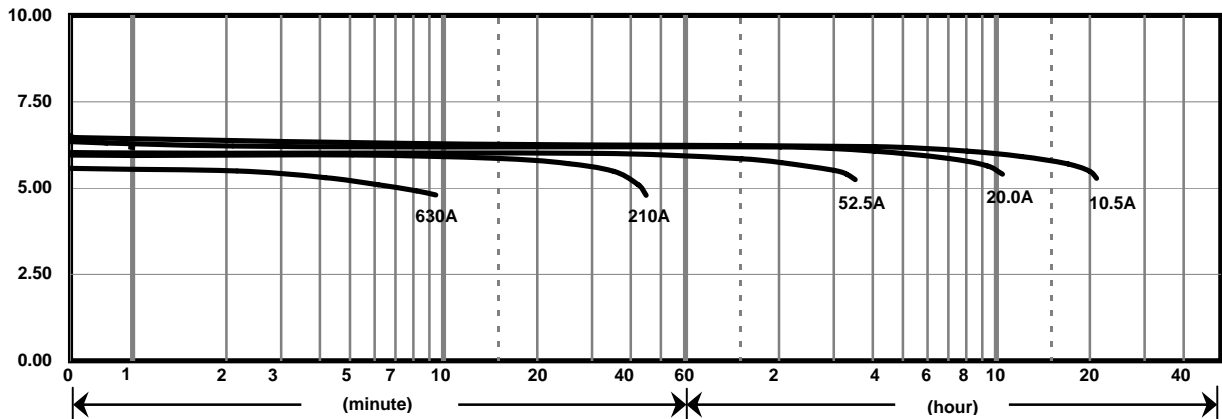
Constant-voltage constant-current charge characteristics for Trickle use



Discharge capacity by temperature and by discharge current



Discharge characteristics(25°C)



Caution

Due to the potential energy stored in the batteries, Please read 《Precautions for handling the Rechargeable Valve Regulated Lead Acid Batteries》 before using batteries. If improper handling or use of the batteries without understanding 《Precautions for handling the Rechargeable Valve Regulated Lead Acid Batteries》 may result in bodily injury caused by electrolyte leakage, heat generation, or explosion.

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