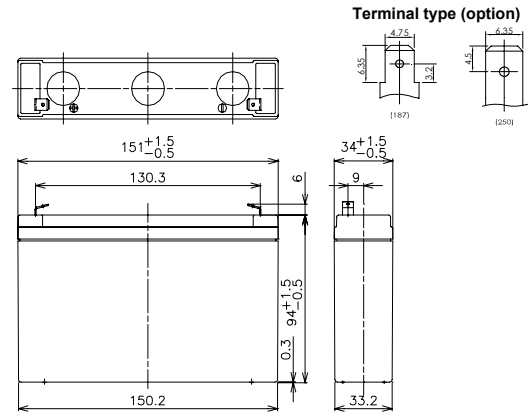


For standby power supplies
Expected trickle life: 3 years at 25°C
5 years at 20°C



■ Dimensions(mm)



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

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

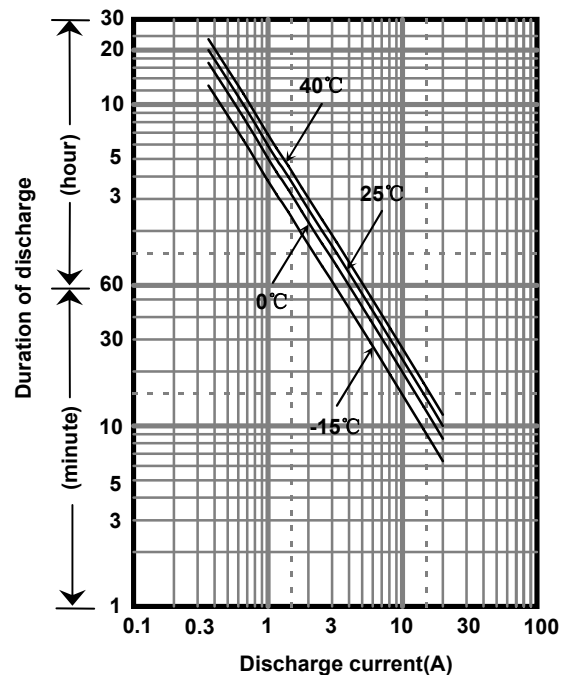
■ Specifications

Nominal Voltage		6V
Rated Capacity(20HR)		7.2Ah
Dimensions	Length	151 mm
	Width	34 mm
	Height	94 mm
	Total height	100 mm
Approx. Mass		1.20kg
Terminal		Faston 187 & 250

■ Characteristics

Capacity (25 °C)	20 hour rate	7.2Ah
	10 hour rate	6.5Ah
	3 hour rate	5.8Ah
	1 hour rate	4.9Ah
Internal Resistance (25 °C)	Fully charged battery	15 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%

■ Duration of discharge vs. discharge current



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

(Ampere/Battery)

Cut-off V	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

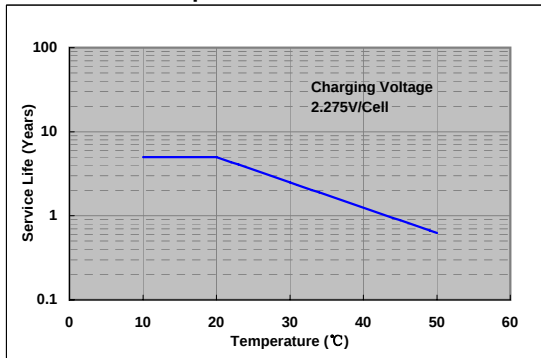
■ Charging Method (25℃)

Trickle use	Control voltage: 6.8-6.9V Initial current: 1.08A or smaller
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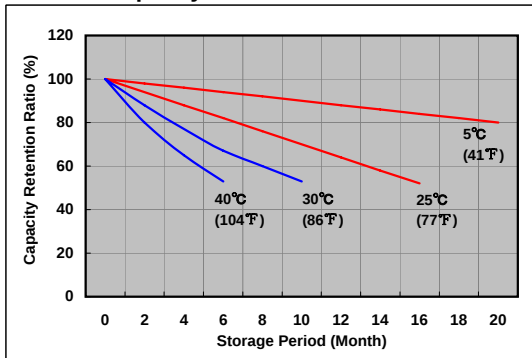
■ Cut off voltage

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(V)	5.25	5.10	4.95	4.65	4.35

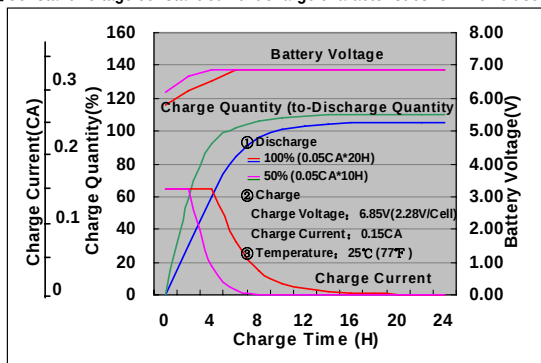
■ Influence of Temperature on Trickle life



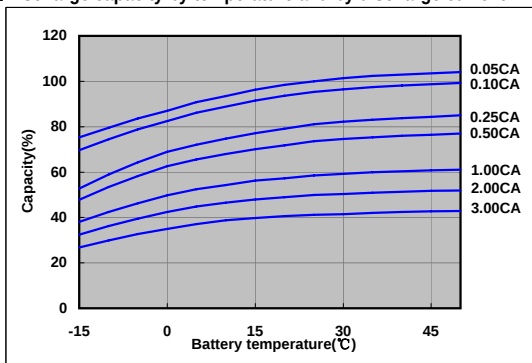
■ Residual capacity test result



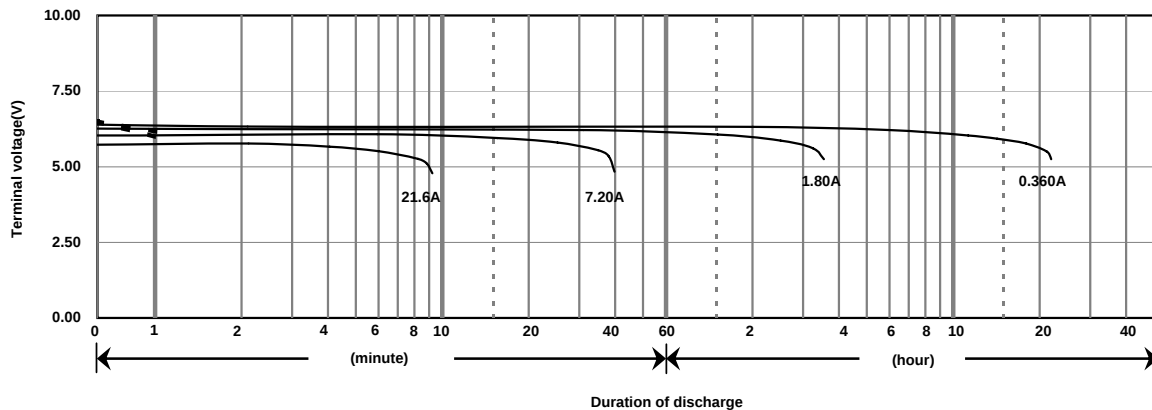
■ Constant-voltage constant-current charge characteristics for Trickle use



■ Discharge capacity by temperature and by discharge current



■ Discharge characteristics(25℃)



⚠ Caution

Due to the potential energy stored in the batteries, Please read 《Precautions for handling the Rechargeable Valve Regulated Lead Acid Battery》 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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