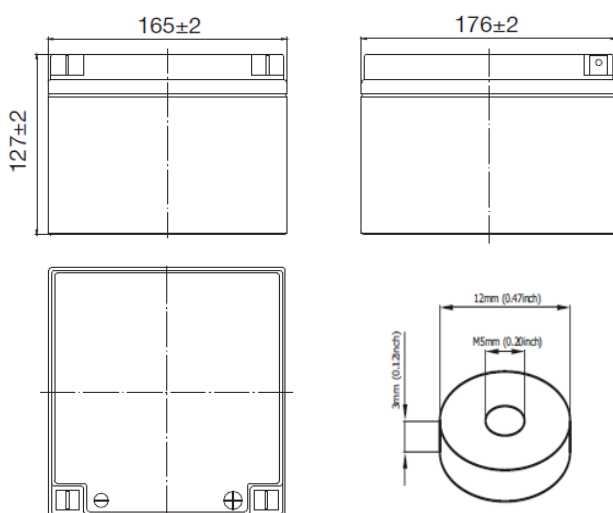


APPLICATIONS

- Uninterruptible Power Supplies (UPS)
- Electric Power Systems (EPS)
- Emergency backup power supplies
- Electronic apparatus and equipment
- Communication power supplies
- DC power supplies
- Auto control system



SPECIFICATIONS

Nominal Voltage	12 V	
Number of cells	6	
Design Floating Life (20°C)	10 years	
Dimensions	Length	165 mm
	Width	176 mm
	Height	127 mm
	Total Height	127 mm
Weight	7.60 kg	
Nominal Capacity (25°C)	20 hours rate (1.75)	26.0 Ah
	10 hours rate (1.75)	24.4 Ah
	5 hours rate (1.75)	20.8 Ah
	1 hour rate (1.60)	15.8 Ah
Internal Resistance (fully charged, 25°C)	12 mOhm	
Self Discharge	approx. 3% per month at 25°C	
Nominal Operating Temperature	25°C	
Operating Temperature range	Discharge	-15°C to 50°C
	Charge	-10°C to 50°C
	Storage	-20°C to 50°C
Float Charging Voltage	2.25 to 2.30 V/cell at 25°C	
Temperature compensation	-18mV/°C	
Maximum charging current	7.8 A	
Maximum discharge current (25°C)	390 A (5 sec.)	
Short Circuit Current (25°C)	1020 A	

PERFORMANCE DATA

Discharge Constant Current at 25°C (Amperes)

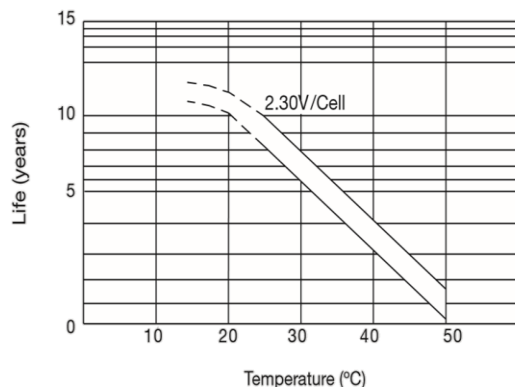
End Voltage (V/cell)	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	58.5	46.3	25.9	15.8	8.79	6.29	4.91	4.24	2.78	2.48	1.32
1.65V	56.2	45.1	25.4	15.6	8.74	6.25	4.88	4.22	2.77	2.47	1.31
1.70V	54.3	43.5	24.6	15.2	8.66	6.21	4.84	4.19	2.75	2.46	1.30
1.75V	51.9	42.0	24.0	14.9	8.53	6.16	4.81	4.16	2.73	2.44	1.30
1.80V	48.9	39.8	23.1	14.4	8.31	5.98	4.67	4.04	2.65	2.40	1.22

Discharge Constant Power at 25°C (Watts)

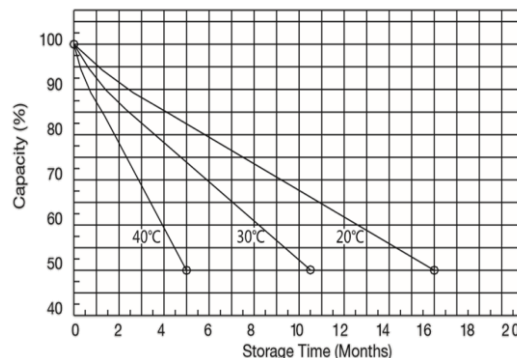
End Voltage (V/cell)	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	660	528	297	183	103	74.7	58.4	50.7	33.4	29.8	15.8
1.65V	634	514	291	181	102	74.2	58.1	50.4	33.2	29.7	15.7
1.70V	612	496	282	176	101	73.7	57.7	50.0	33.0	29.5	15.6
1.75V	586	479	275	173	99.8	73.2	57.3	49.7	32.8	29.3	15.6
1.80V	551	453	265	167	97.2	71.0	55.6	48.2	31.8	28.7	14.7

Note: The above characteristics data can be obtained within three charge/discharge cycles.

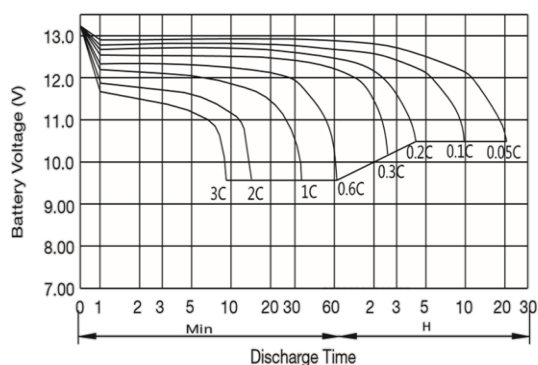
Temperature Effects on Float Life



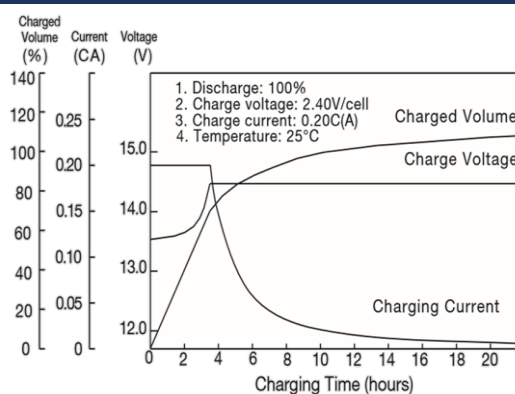
Self Discharge Characteristics



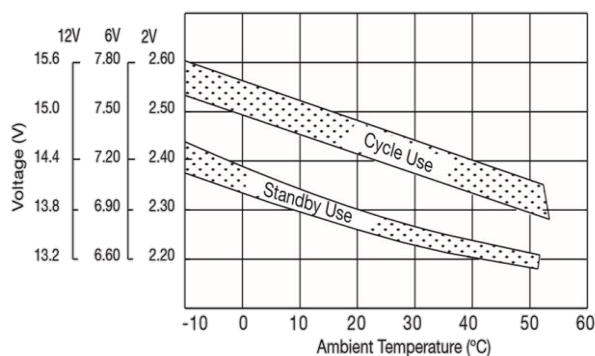
Discharge Characteristics (25°C)



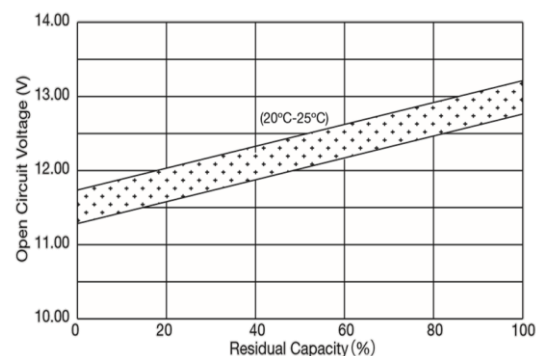
Charging Characteristics (25°C)



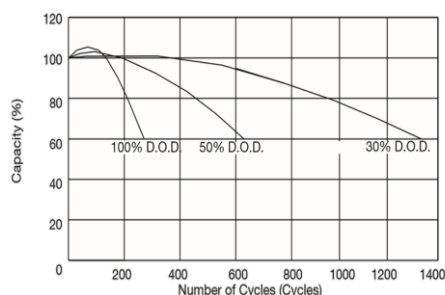
Relationship Between Charging Voltage and Temperature



Relationship Between OCV and Residual Capacity (25°C)



Cycle Service Life in Relation to Depth of Discharge



Temperature Effects on Capacity

