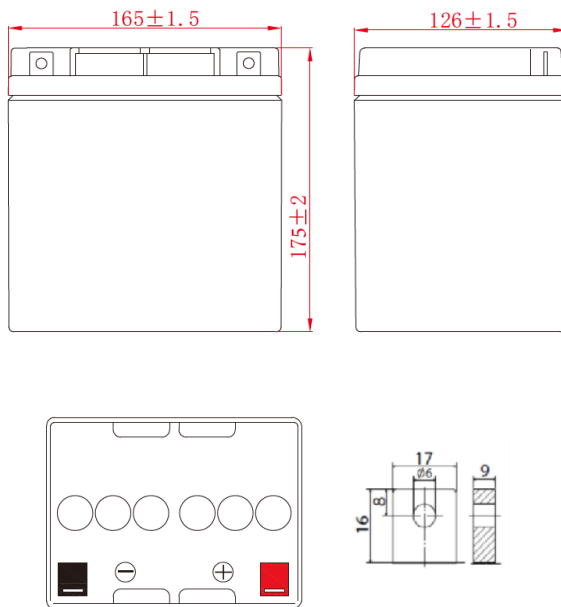


APPLICATIONS

- 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	126 mm
	Height	175 mm
	Total Height	175 mm
Weight	8.50 kg	
Nominal Capacity (25°C)	20 hours rate (1.75)	28.0 Ah
	10 hours rate (1.75)	26.9 Ah
	5 hours rate (1.75)	24.2 Ah
	1 hour rate (1.65)	17.6 Ah
Internal Resistance (fully charged, 25°C)	11 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	-15°C to 40°C
	Storage	-15°C to 40°C
Float Charging Voltage	2.25 to 2.30 V/cell at 25°C	
Temperature compensation	-18mV/°C	
Maximum charging current	8.40 A	
Maximum discharge current (25°C)	350 A (5 sec.)	
Short Circuit Current (25°C)	364 A	

PERFORMANCE DATA
Discharge Constant Current at 25°C (Amperes)

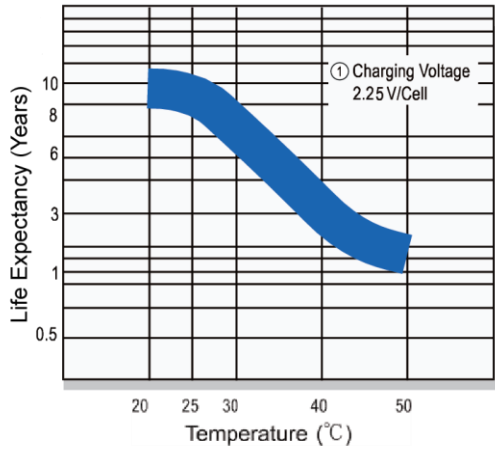
End Voltage (V/cell)	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	103.3	66.7	53.7	29.3	17.9	10.1	7.25	5.80	4.93	3.28	2.77	1.45
1.65V	100.2	64.8	52.4	28.7	17.6	10.0	7.21	5.77	4.90	3.22	2.72	1.44
1.70V	96.1	62.1	50.5	27.9	17.1	9.95	7.16	5.72	4.86	3.11	2.70	1.43
1.75V	92.0	60.1	47.7	27.2	16.8	9.79	7.11	5.68	4.84	3.10	2.69	1.40
1.80V	86.7	55.7	45.6	26.2	16.2	9.55	6.89	5.51	4.70	3.00	2.67	1.38

Discharge Constant Power at 25°C (Watts/Cell)

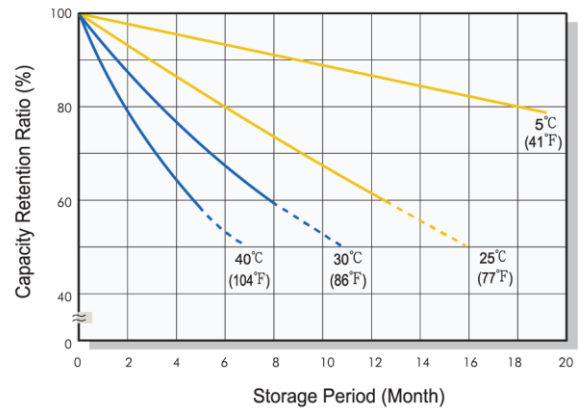
End Voltage (V/cell)	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
1.60V	192	125	101.3	56.0	34.4	19.5	14.3	11.4	9.71	6.49	5.39	2.91
1.65V	186	121	98.5	54.8	33.9	19.5	14.2	11.4	9.69	6.37	5.37	2.89
1.70V	179	116	94.9	53.3	33.1	19.4	14.1	11.3	9.68	6.21	5.34	2.87
1.75V	171	113	89.7	51.9	32.4	19.0	14.0	11.2	9.60	6.20	5.30	2.86
1.80V	161	105	85.7	50.1	31.4	18.5	13.6	10.9	9.44	6.00	5.20	2.81

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

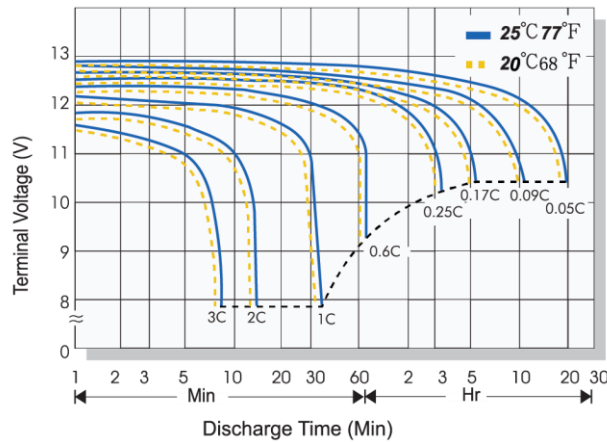
Temperature Effects on Float Life



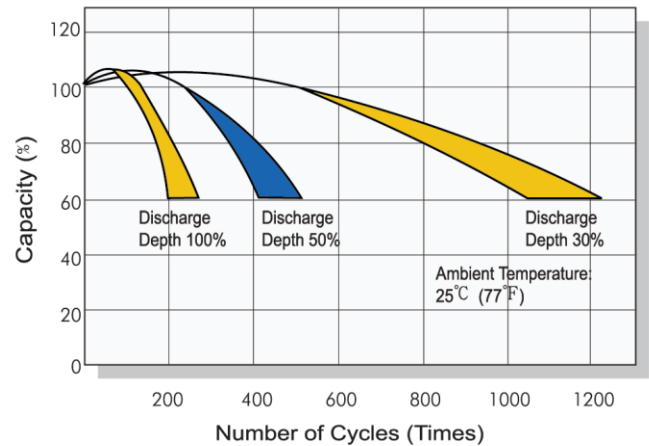
Self Discharge Characteristics



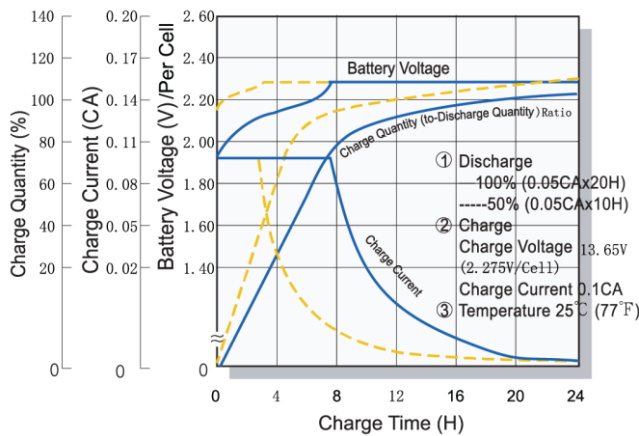
Discharge Characteristics (25°C)



Cycle Service Life in Relation to Depth of Discharge



Float Charging Characteristics (25°C)



Boost Charging Characteristics (25°C)

