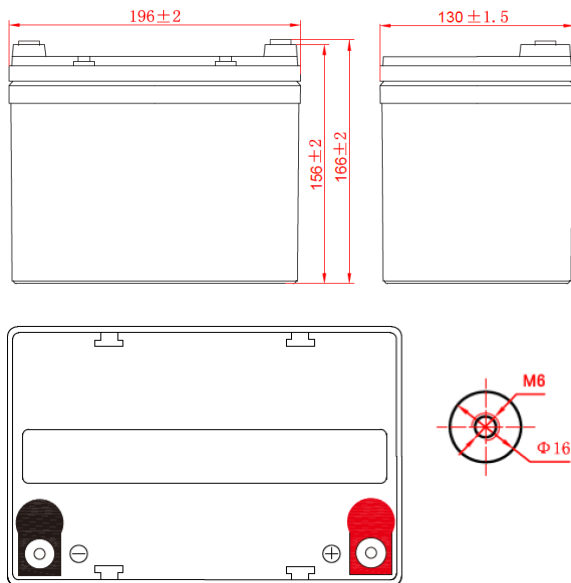


APPLICATIONS

- 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)	12 years	
Dimensions	Length	196 mm
	Width	130 mm
	Height	156 mm
	Total Height	166 mm
Weight	10 kg	
Nominal Capacity (25°C)	20 hours rate (1.80)	35.2 Ah
	10 hours rate (1.80)	33.7 Ah
	5 hours rate (1.75)	29.3 Ah
	1 hour rate (1.65)	21.7 Ah
Internal Resistance (fully charged, 25°C)	9.5 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	10.5 A	
Maximum discharge current (25°C)	350 A (5 sec.)	
Short Circuit Current (25°C)	455 A	

PERFORMANCE DATA

Discharge Constant Current at 25°C (Amperes)

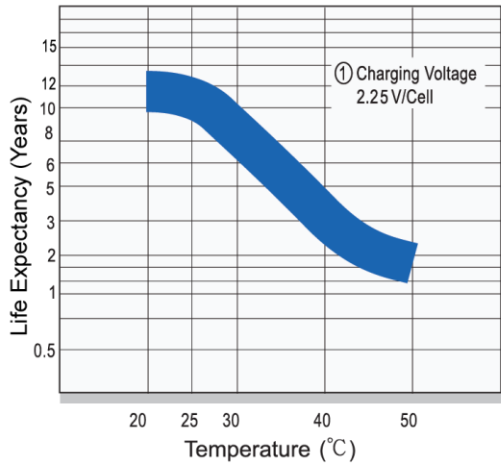
End Voltage (V/cell)	10min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	80.0	58.3	35.0	27.2	22.0	13.0	9.09	7.76	6.16	5.34	4.17	3.56	1.87
1.65V	76.1	57.2	34.2	26.7	21.7	12.9	9.07	7.66	6.11	5.18	4.08	3.53	1.85
1.70V	70.3	54.6	33.3	25.8	21.2	12.8	8.98	7.44	5.99	5.14	4.07	3.48	1.84
1.75V	65.0	51.6	32.6	24.8	20.5	12.6	8.79	7.19	5.86	5.10	4.02	3.43	1.83
1.80V	60.3	49.3	31.7	24.0	19.6	12.3	8.61	7.06	5.67	4.93	3.93	3.37	1.76

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

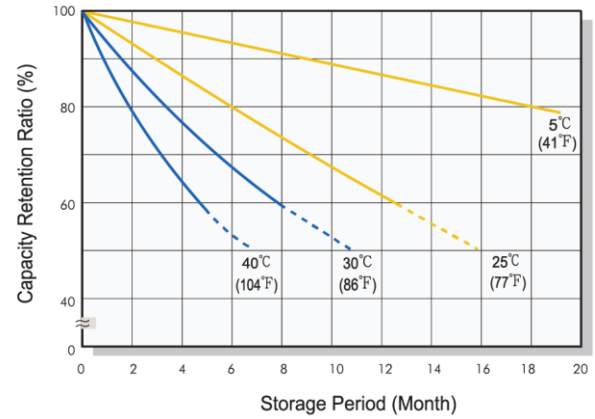
End Voltage (V/cell)	10min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	132	103	66.0	48.9	43.3	24.7	17.5	14.7	12.3	10.4	8.20	7.14	3.76
1.65V	131	102	64.6	47.6	41.8	24.5	17.5	14.6	12.1	10.4	8.15	7.03	3.75
1.70V	127	101	62.9	46.4	40.8	24.3	17.4	14.1	11.7	10.3	8.09	6.98	3.74
1.75V	120	94.6	61.3	44.7	39.9	24.0	17.3	13.7	11.5	10.2	8.03	6.85	3.73
1.80V	111	89.0	59.6	43.1	38.6	23.3	17.1	13.4	11.2	9.88	7.79	6.73	3.60

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

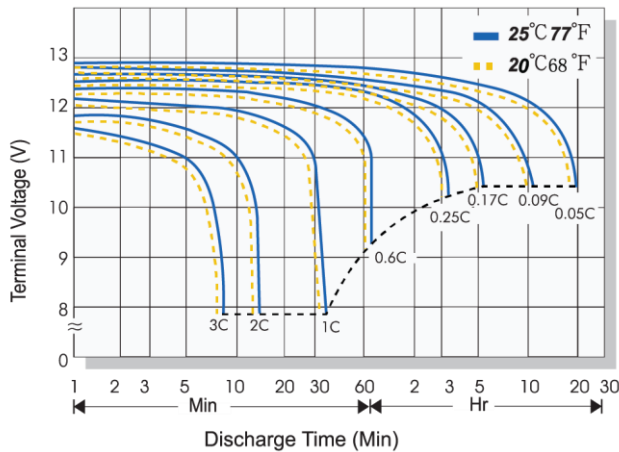
Temperature Effects on Float Life



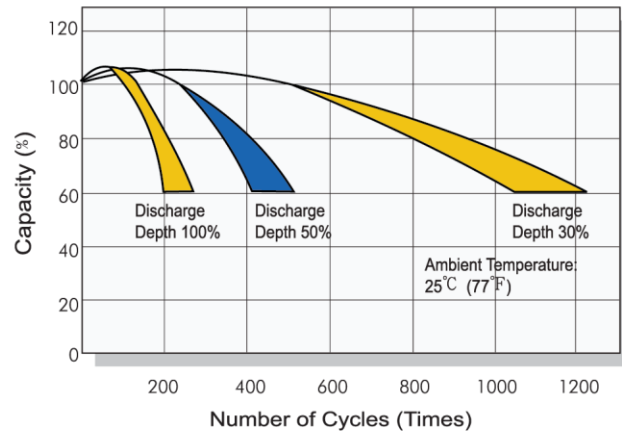
Self Discharge Characteristics



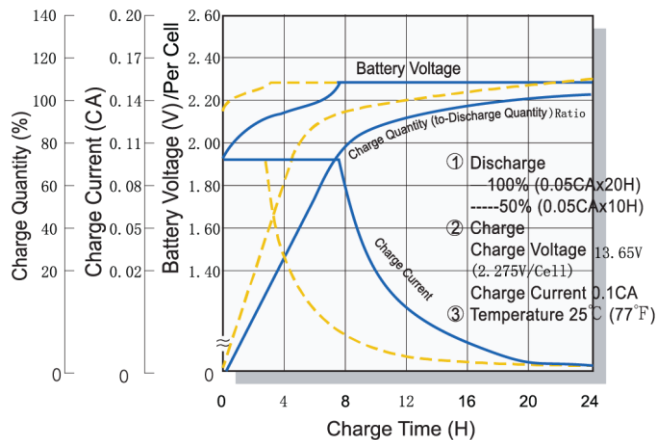
Discharge Characteristics (25°C)



Cycle Service Life in Relation to Depth of Discharge



Float Charging Characteristics (25°C)



Boost Charging Characteristics (25°C)

