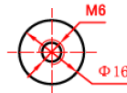
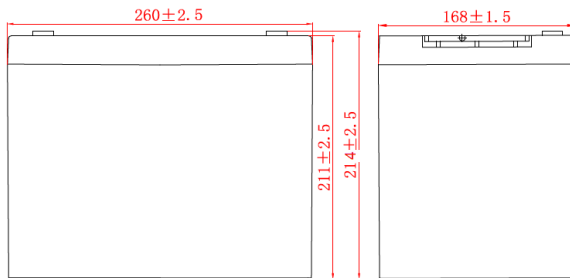


APPLICATIONS

- 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	260 mm
	Width	168 mm
	Height	211 mm
	Total Height	214 mm
Weight	24 kg	
Nominal Capacity (25°C)	20 hours rate (1.80)	82.4 Ah
	10 hours rate (1.80)	76.4 Ah
	5 hours rate (1.75)	66.5 Ah
	1 hour rate (1.65)	48.5 Ah
Internal Resistance (fully charged, 25°C)	5.5 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	18.75 A	
Maximum discharge current (25°C)	750 A (5 sec.)	
Short Circuit Current (25°C)	975 A	

PERFORMANCE DATA

Discharge Constant Current at 25°C (Amperes)

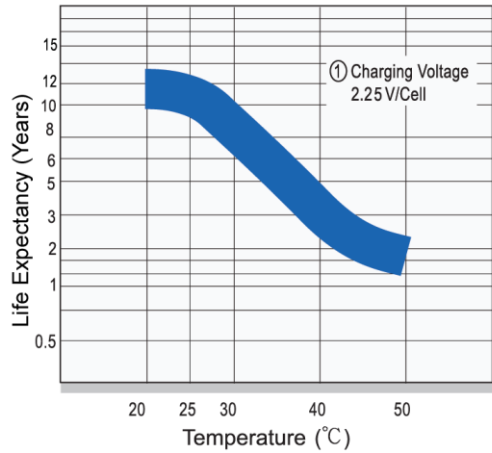
End Voltage (V/cell)	10min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	185	135	81.0	61.7	48.9	29.1	21.2	17.6	13.9	12.1	9.43	8.18	4.27
1.65V	176	133	79.6	60.7	48.5	29.0	21.1	17.4	13.7	11.7	9.37	8.06	4.25
1.70V	163	126	77.2	58.6	48.2	28.7	21.0	16.9	13.6	11.4	9.31	8.00	4.22
1.75V	151	120	75.7	56.5	47.6	28.2	20.9	16.3	13.3	11.1	9.24	7.86	4.17
1.80V	140	115	73.3	54.5	47.0	27.6	20.8	16.0	13.2	10.7	8.97	7.64	4.12

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

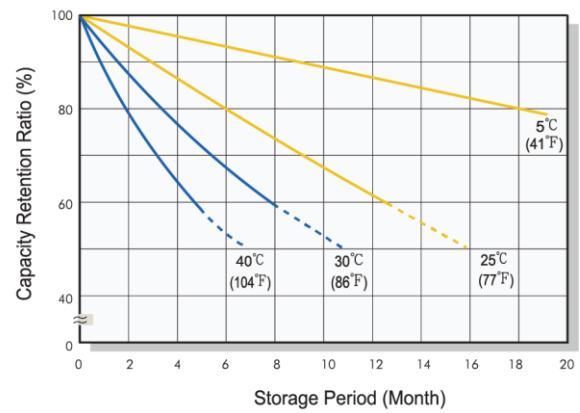
End Voltage (V/cell)	10min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	307	239	153	111	95.4	55.3	38.9	33.9	28.4	23.9	18.9	16.4	8.55
1.65V	303	237	150	109	92.1	54.9	38.8	33.4	28.1	23.7	18.7	16.1	8.51
1.70V	296	233	146	105	89.8	54.4	38.4	32.5	27.1	23.5	18.6	16.0	8.49
1.75V	276	220	142	102	88.9	53.7	38.3	31.3	26.7	23.4	18.5	15.7	8.48
1.80V	257	206	138	98.1	87.4	52.2	38.1	30.8	26.2	22.5	18.0	15.5	8.17

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

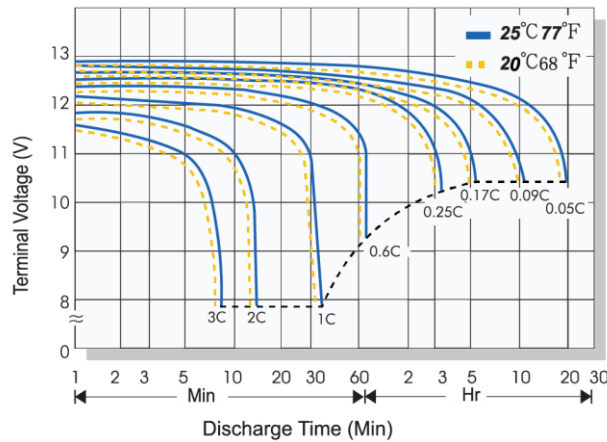
Temperature Effects on Float Life



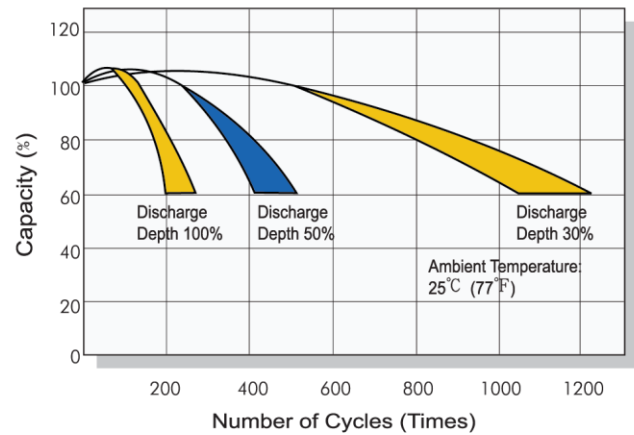
Self Discharge Characteristics



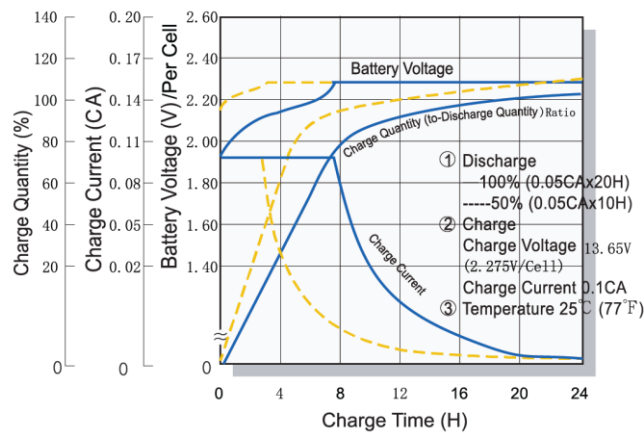
Discharge Characteristics (25°C)



Cycle Service Life in Relation to Depth of Discharge



Float Charging Characteristics (25°C)



Boost Charging Characteristics (25°C)

