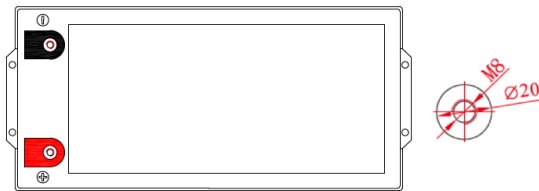
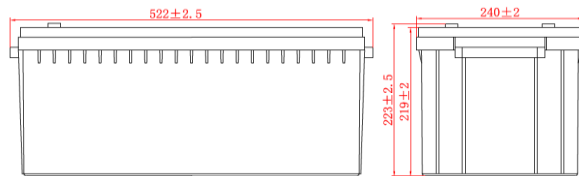


APPLICATIONS

- 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	522 mm
	Width	240 mm
	Height	219 mm
	Total Height	223 mm
Weight		64 kg
Nominal Capacity (25°C)	20 hours rate (1.80)	218.0 Ah
	10 hours rate (1.80)	206.0 Ah
	5 hours rate (1.75)	180.5 Ah
	1 hour rate (1.65)	134.0 Ah
Internal Resistance (fully charged, 25°C)		3.0 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		40 A
Maximum discharge current (25°C)		1600 A (5 sec.)
Short Circuit Current (25°C)		2200 A

PERFORMANCE DATA

Discharge Constant Current at 25°C (Amperes)

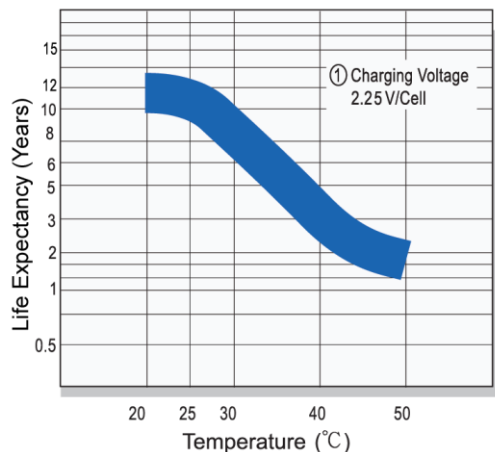
End Voltage (V/cell)	10min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	494	361	217	165	135	78.8	56.2	47.0	36.8	32.4	25.8	21.9	11.3
1.65V	465	357	213	162	134	78.3	56.0	46.5	36.6	32.2	25.2	21.5	11.3
1.70V	434	337	206	156	133	77.6	55.8	45.1	36.4	32.0	25.1	21.4	11.1
1.75V	402	319	202	151	132	76.4	55.6	43.6	36.1	31.8	24.9	21.0	11.0
1.80V	372	305	196	145	129	74.5	55.4	42.8	35.7	30.9	24.0	20.6	10.9

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

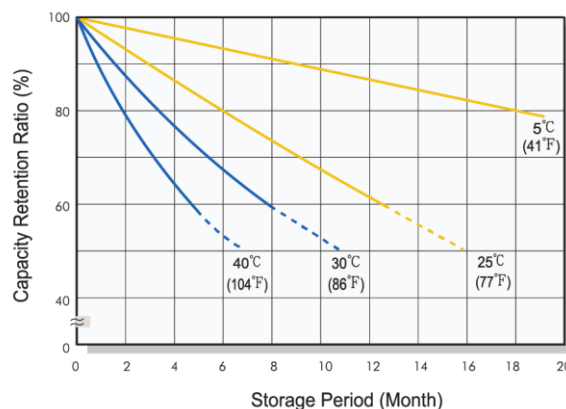
End Voltage (V/cell)	10min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	819	638	408	299	266	152	112	90.3	74.6	65.2	51.4	43.6	22.6
1.65V	809	632	399	295	259	151	110	89.2	74.0	64.8	51.1	43.0	22.5
1.70V	788	621	389	284	252	150	108	86.6	73.7	64.3	50.7	42.6	22.4
1.75V	737	584	378	274	250	148	105	83.6	73.1	64.0	50.4	41.9	22.3
1.80V	685	550	368	264	245	144	101	82.1	70.8	62.0	48.9	41.2	21.6

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

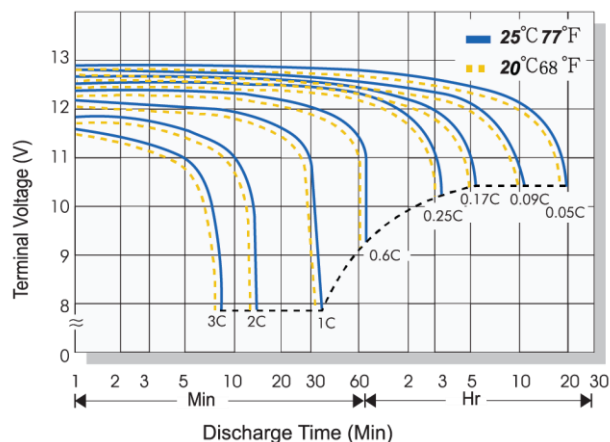
Temperature Effects on Float Life



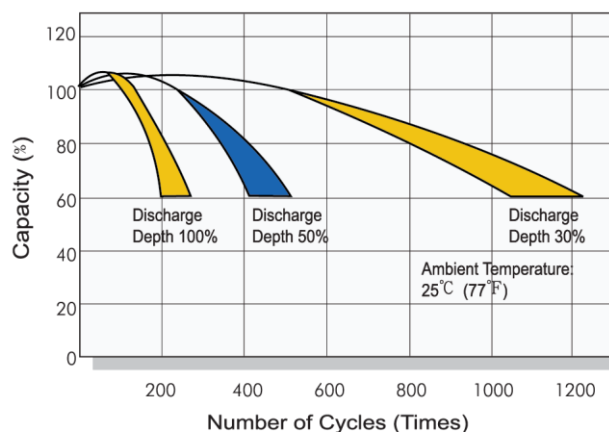
Self Discharge Characteristics



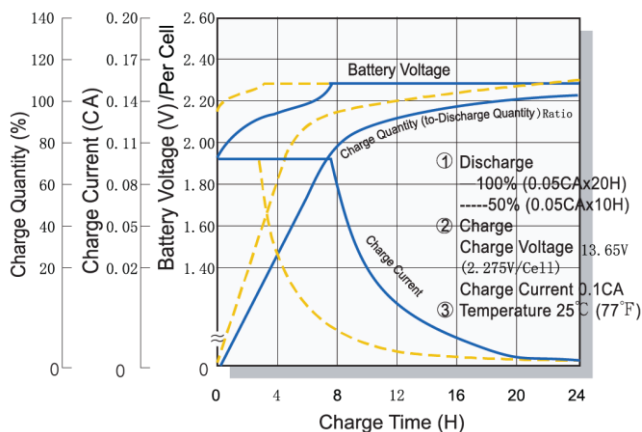
Discharge Characteristics (25°C)



Cycle Service Life in Relation to Depth of Discharge



Float Charging Characteristics (25°C)



Boost Charging Characteristics (25°C)

