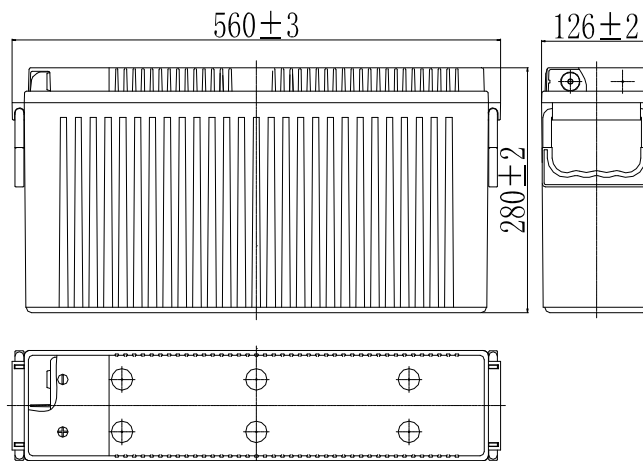


Specifications

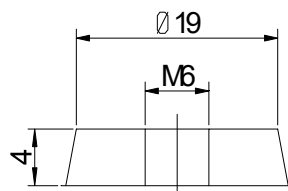
Nominal Voltage		12 V
Capacity (25°C)	10HR(10.8V)	200 Ah
	5HR(10.5V)	175Ah
	1HR(9.60V)	124Ah
Dimension	Length	560 ± 3mm (22.05inch)
	Width	126 ± 2mm (4.96inch)
	Height	280 ± 2mm (11.02inch)
	Total Height	280 ± 2mm (11.02inch)
Approx. Weight		58kg (127.8lbs) ± 4%
Internal resistance (Fully charged, 25°C)		Approx. 3.0m Ω
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25°C ± 3°C (77°F ± 5°F)
Operating temperature range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 50°C (14°F ~ 122°F)
	Storage	-20°C ~ 50°C (-4°F ~ 122°F)
Float charging voltage(25°C)		13.50 to 13.80V Temperature compensation: -18mV/°C
Cyclic charging voltage(25°C)		14.50 to 14.90V Temperature compensation: -30mV/°C
Maximum charging current		60A
Terminal material		Copper
Maximum discharge current		1300A(5 sec.)
Designed floating life(20°C)		15 years



Dimensions



Terminal



- ◆ Absorbent glass mat technology;
- ◆ Recognized by UL & CE;
- ◆ ABS container.

Constant Current Discharge Characteristics (A, 25°C)

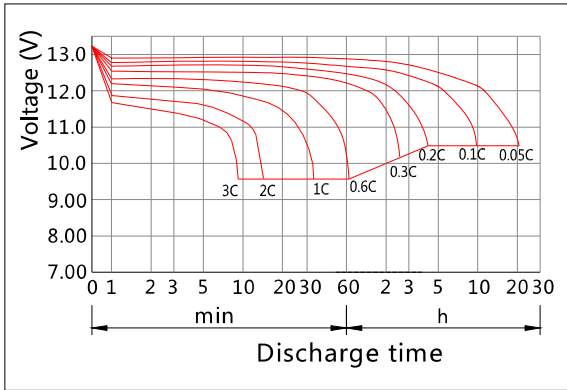
F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
9.60V	630	420	323	196	124	73.1	51.0	41.8	35.7	31.2	24.5	20.4	10.7
9.90V	611	407	316	192	122	72.6	50.7	41.6	35.5	31.0	24.3	20.3	10.7
10.2V	586	391	304	186	119	72.0	50.4	41.3	35.2	30.8	24.2	20.3	10.6
10.5V	561	374	294	182	117	70.9	50.0	41.0	35.0	30.6	24.0	20.1	10.6
10.8V	529	353	278	175	113	69.1	48.5	39.8	34.0	29.7	23.3	20.0	10.5

Constant Power Discharge Characteristics (Watt, 25°C)

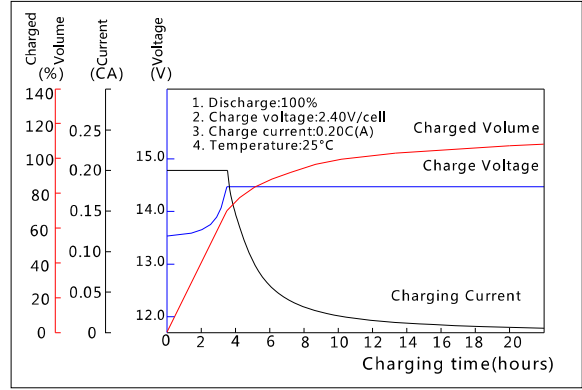
F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
9.60V	6615	4536	3623	2199	1414	846	600	492	422	369	291	243	128
9.90V	6417	4400	3536	2155	1392	841	596	489	419	367	289	243	128
10.2V	6152	4218	3406	2089	1357	834	592	486	417	364	287	242	128
10.5V	5887	4037	3290	2039	1330	821	588	482	414	362	285	240	127
10.8V	5557	3810	3116	1964	1289	800	570	468	401	351	277	239	126

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

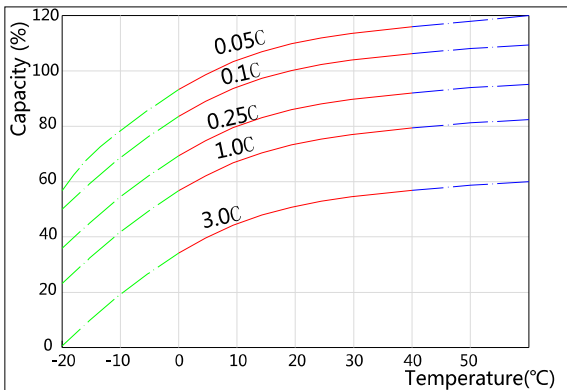
Discharge Characteristics(25°C)



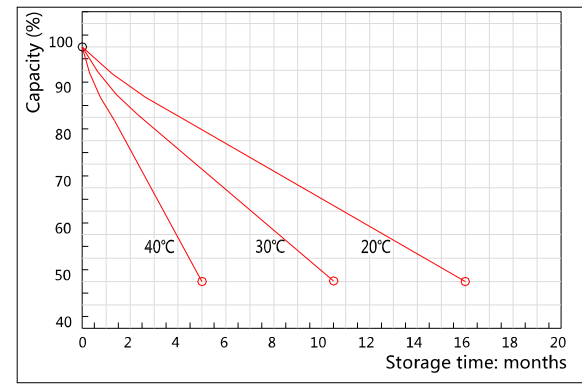
Charging Characteristics(25°C)



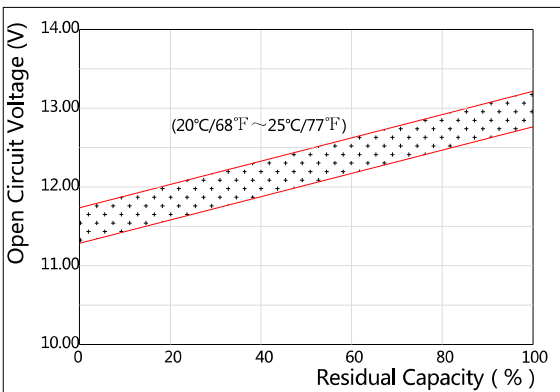
Effect of Temperature on Capacity



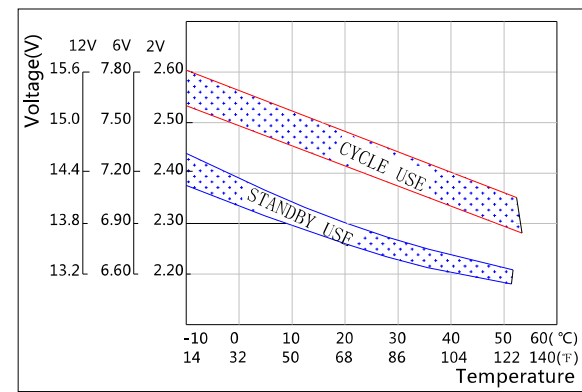
Self-discharge Characteristics



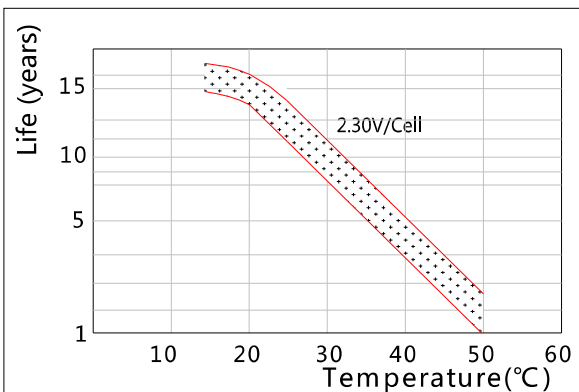
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25°C)

