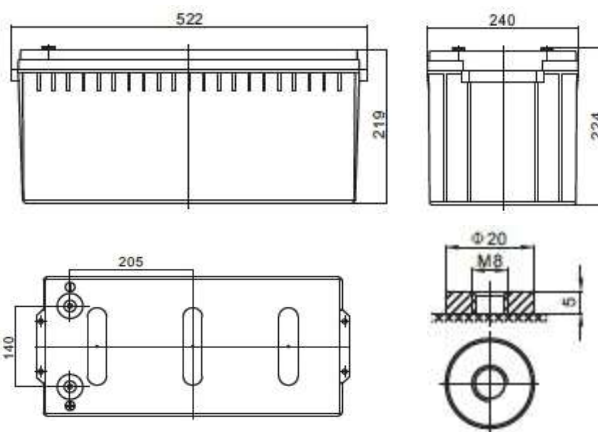


SBL 200 – 12i

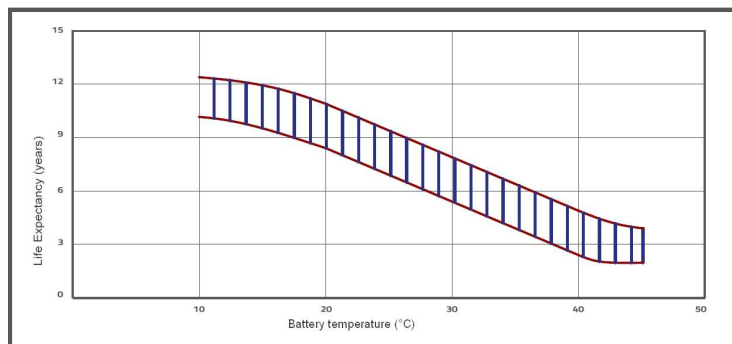
(12V 200Ah)



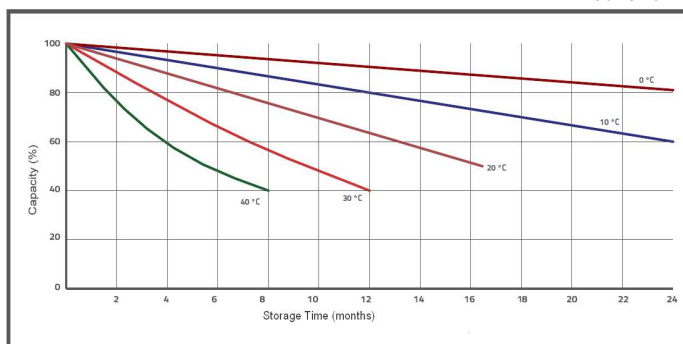
Design life time (EUROBAT)		10-12 years
Technology		VRLA
Voltage		12 V
Capacity (10hr-rate to 1,8V/cel at 25°C)		200 Ah
Dimensions	Length	522 mm
	Width	240 mm
	High / Total high	219 / 224 mm
Weight		60.0 kg
Internal resistance – full charged battery at 25°C		4.0 mΩ
Operating Temperature Range	Discharge / Storage	-20°C ~ +60°C
	Charge	0°C ~ +60°C
Normal Operating Temperature Range		25°C ± 5°C
Recommended Max Charging Current		60.0 A
Charging Voltage at 25°C	Float	13.5 to 13.8 VDC
	Cyclic	14.4 to 14.8 VDC
Container Material		ABS (UL-94HB)



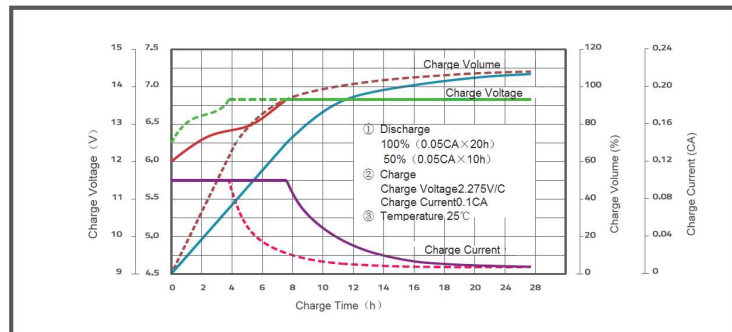
Bolt M8: 10~12Nm



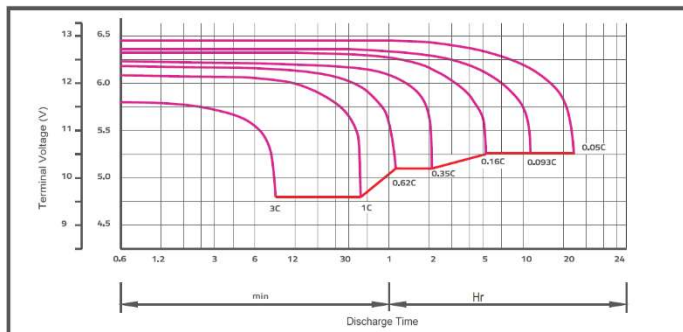
EFFECT OF TEMPERATURE ON LONG TERM FLOAT LIFE



STORAGE CHARACTERISTIC



CHARGE CHARACTERISTIC CURVE FOR STANDBY USE



DISCHARGE CHARACTERISTIC CURVE

CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A at 25°C)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.6 V	569.6	442.2	347.9	209.8	123.1	73.8	54.7	44.4	37.5	25.1	21.3	10.9
10.0 V	553.2	429.0	338.8	205.2	120.9	72.7	54.0	43.9	37.1	24.8	21.1	10.8
10.2 V	536.8	411.7	326.8	199.1	117.8	71.3	53.0	43.2	36.5	24.5	20.8	10.7
10.5 V	482.0	389.3	311.2	191.2	113.9	69.4	51.7	42.2	35.7	24.0	20.5	10.6
10.8 V	435.1	360.8	291.2	180.8	108.7	66.9	50.0	40.9	34.7	23.4	20.0	10.4
11.1 V	371.5	325.0	265.8	167.6	102.0	63.6	47.8	39.2	33.4	22.7	19.4	10.1

CONSTANT POWER DISCHARGE CHARACTERISTICS (W at 25°C)

F.V/Time	5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.6 V	5892	4577.2	3704.4	2321.1	1402.2	851.5	636.5	519.6	440.4	298.2	255.2	131.1
10.0 V	5776	4558.5	3683.2	2303.9	1390.8	845.1	631.9	515.9	437.6	296.1	253.3	130.3
10.2 V	5710	4423.9	3584	2248.2	1360.7	831	622.1	508.4	431.7	292.4	250.2	129
10.5 V	5198	4258.8	3462.5	2180.4	1321.4	812.6	609.6	498.8	424	287.6	246.2	127.3
10.8 V	4734	4015.1	3285	2083.3	1267.3	787.3	592	485.3	413.5	281.1	240.8	125
11.1 V	4159	3681.6	3041.6	1950.4	1197.9	753.1	568.3	467.1	399	272.4	233.6	121.8