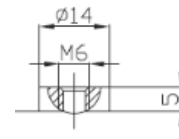
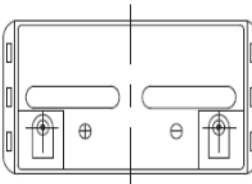
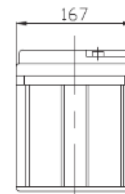
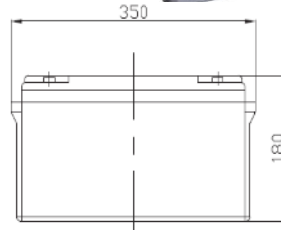


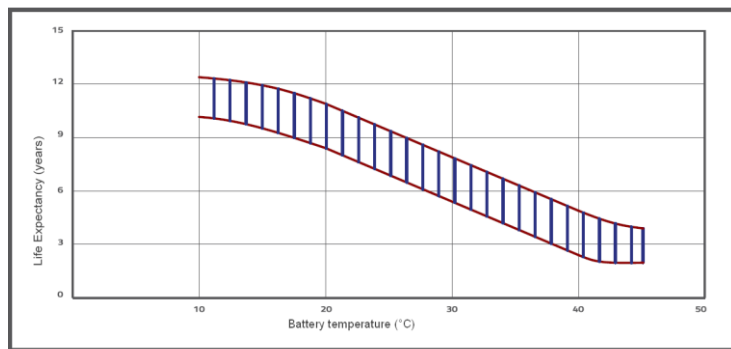
## SBL 70 – 12i

(12V 70Ah)

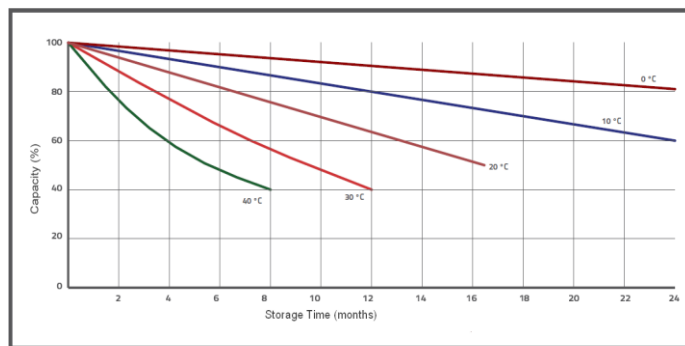
Design life time (EUROBAT)		10-12 years
Technology		VRLA
Voltage		12 V
Capacity (10hr-rate to 1,8V/cel at 25°C )		70 Ah
Dimensions	Length	350 mm
	Width	167 mm
	High / Total high	180 / 180 mm
Weight		22.5 kg
Internal resistance – full charged battery at 25°C		6.0 mΩ
Operating Temperature Range	Discharge / Storage	-20°C ~ +60°C
	Charge	0°C ~ +50°C
Normal Operating Temperature Range		20°C ± 5°C
Recommended Max Charging Current		21.0 A
Charging Voltage at 25°C	Float	13.6 to 13.8 VDC
	Cyclic	14.6 to 14.8 VDC
Container Material		ABS (UL-94HB)



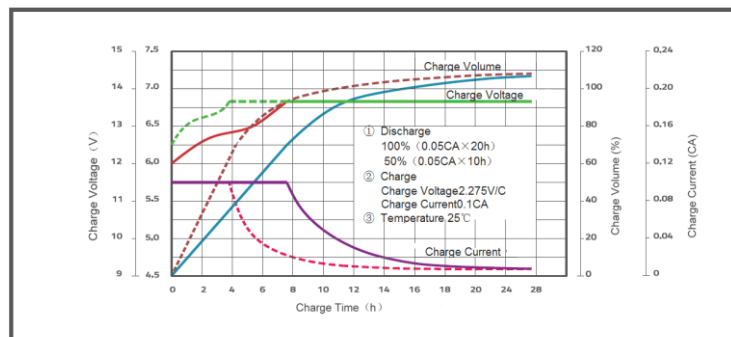
Bolt M6: 8–10 Nm



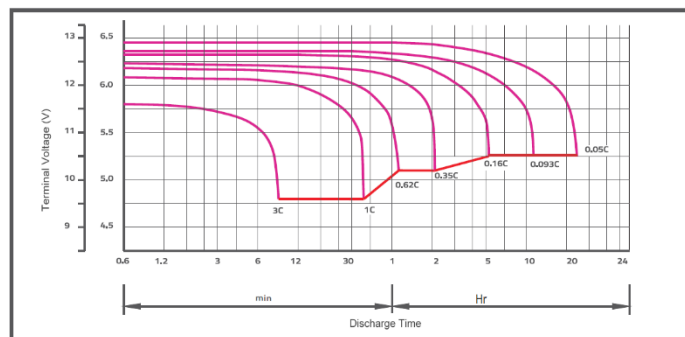
EFFECT OF TEMPERATURE ON LONG TERM FLOAT LIFE



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	245.1	180.5	134.6	70.33	43.69	26.98	18.33	14.78	12.27	8.08	7.28	3.86
10.0 V	238.0	171.7	131.9	69.43	43.11	26.43	17.99	14.57	12.16	8.05	7.21	3.78
10.2 V	231.0	165.6	129.8	68.37	42.70	26.15	17.83	14.43	12.08	7.98	7.14	3.71
10.5 V	207.4	152.8	123.6	66.48	42.18	25.81	17.67	14.21	11.98	7.91	7.07	3.64
10.8 V	187.2	139.4	113.9	64.29	41.59	25.60	17.47	13.73	11.92	7.87	7.01	3.60
11.1 V	159.8	124.6	102.2	61.84	40.60	24.57	17.13	13.53	11.84	7.81	6.92	3.46

### 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	2586	1922	1468	805.1	506.3	316.1	215.8	176.9	147.0	96.8	87.35	46.45
10.0 V	2535	1863	1444	796.7	501.7	312.3	212.6	174.4	145.7	96.4	86.66	45.65
10.2 V	2506	1814	1428	789.8	498.7	310.0	211.7	172.8	144.8	95.7	85.89	44.80
10.5 V	2281	1689	1362	773.7	495.5	306.1	210.0	170.5	143.6	94.9	85.05	43.95
10.8 V	2078	1557	1259	755.4	489.2	303.8	207.6	164.7	143.0	94.5	84.21	43.53
11.1 V	1825	1408	1133	734.6	481.9	292.5	204.1	162.4	142.5	93.79	83.29	41.97