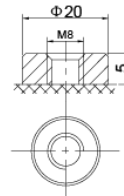
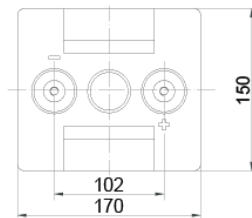
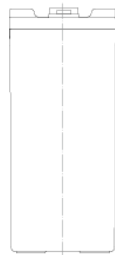
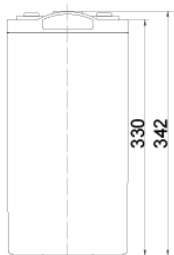




SBL 400-2i

Nominal voltage	2 V	Operating temperature range	Discharge -20°C ~ +60°C Charge 0°C ~ +50°C Storage -20°C ~ +60°C
Nominal capacity	400 Ah @ C10 dla rozładowania do 1,80 V/celę	Max. discharge current	2000 (5 sec)
Technology	AGM (Absorbent Glass Mat) VRLA (Valve Regulated Lead Acid)	Short circuit current	3400 A
Weight	~ 19 kg	Max. charging current	80 A
Design life time	20 years (standby use) Very Long Life acc. Eurobat	Charging voltage	Standby use 2,27 ~ 2,30 VDC Cycle use 2,43 ~ 2,47 VDC
Internal resistance	~ 0,68 mΩ (full charged)	Self discharge	Monthly is less than 3% at 25°C
		Container material	ABS UL94HB (optional UL94-V0)



Length	170 ±2 mm
Width	150 ±2 mm
Height	330 ±2 mm
Total height	342 ±2 mm
Terminal type	Internal thread M8 (breaking torque 10-12 Nm)

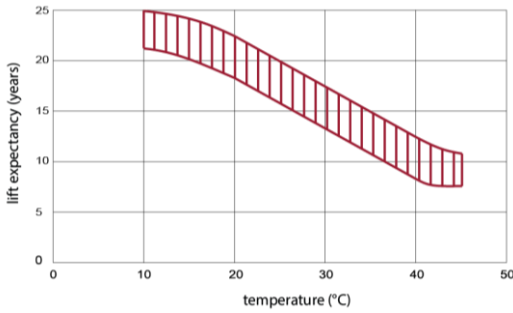
CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A at 25°C)

Voltage/Time	10 MIN	15 MIN	30 MIN	60 MIN	2 H	3 H	4 H	5 H	8 H	10 H	20 H
1.60V	632,5	527,5	359,6	231,9	142,9	108,0	86,6	72,9	50,0	41,5	23,3
1.65V	601,8	507,0	348,2	225,6	139,1	105,3	84,6	71,3	49,4	41,0	23,0
1.70V	571,1	488,1	345,4	219,3	135,2	102,7	82,6	69,7	48,8	40,5	22,7
1.75V	532,2	471,0	340,6	212,6	131,1	100,0	80,8	68,2	48,3	40,0	22,5
1.80V	493,5	440,4	329,7	207,3	127,4	97,3	78,7	66,7	47,6	39,5	22,3
1.85V	451,3	401,0	312,6	198,5	122,6	90,4	73,5	62,4	44,7	37,3	21,2

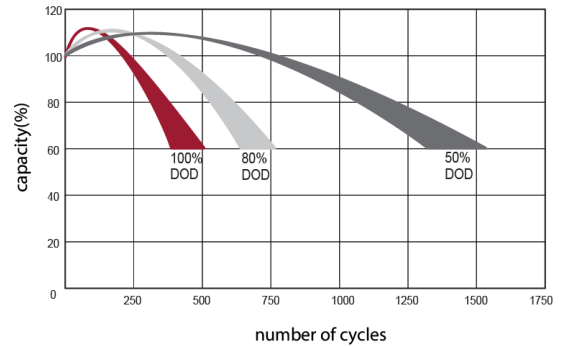
CONSTANT POWER DISCHARGE CHARACTERISTICS (W/cell at 25°C)

Voltage/Time	10 MIN	15 MIN	30 MIN	60 MIN	2 H	3 H	4 H	5 H	8 H	10 H	20 H
1.60V	332,2	273,6	183,4	111,8	66,9	46,2	37,9	31,0	21,4	18,1	11,0
1.65V	316,1	268,0	181,8	111,3	66,4	46,1	37,7	30,8	21,2	17,9	10,6
1.70V	304,9	263,8	180,7	110,2	65,9	45,7	37,5	30,7	21,0	17,7	10,3
1.75V	284,7	254,1	177,9	109,2	65,4	45,5	37,2	30,3	20,8	17,5	10,0
1.80V	262,7	237,0	171,7	106,6	64,2	44,3	36,3	29,7	20,5	17,4	9,4
1.85V	237,5	215,0	162,4	101,3	61,4	42,3	34,6	28,5	19,6	16,8	9,0

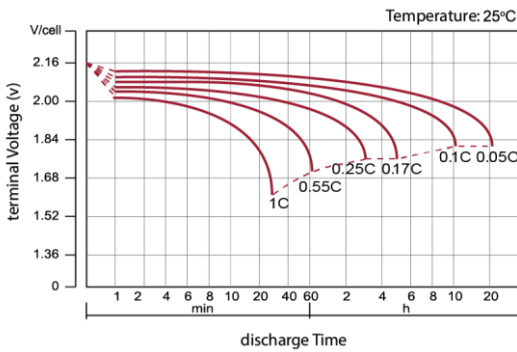
EFFECT OF TEMPERATURE ON LONG TERM LIFE



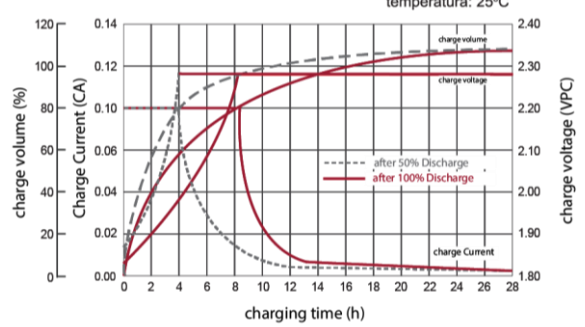
CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



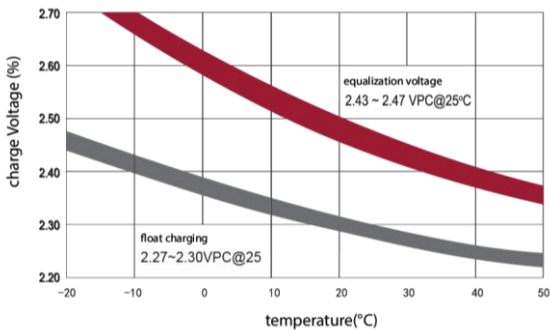
DISCHARGE CHARACTERISTICS CURVE



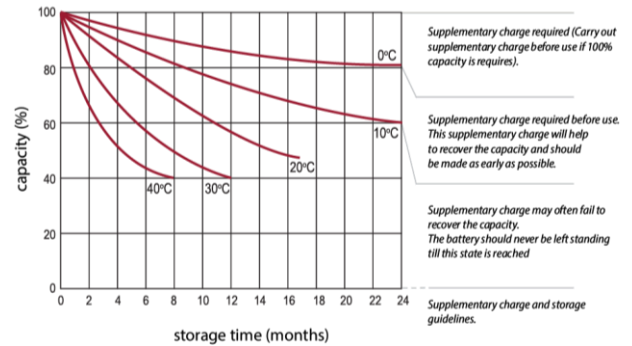
CHARGE CHARACTERISTIC CURVE FOR CYCLE USE



RELATIONSHIP BETWEEN CHARGING VOLTAGE AND TEMPERATURE



STORAGE CHARACTERISTICS



Standards met:

PN-EN 60896-21:2007 • PN-EN 60896-22:2007 • PN-EN 61056-1:2013 • PN-EN 61056-2:2013 • PN-E-83016:1999

Batteries manufactured in compliance with: ISO 9001 • ISO 14001

All data contained in this document, are subject to change. Wamtechnik Sp. z o.o. reserves the right to change them without prior notice.