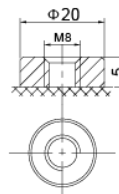
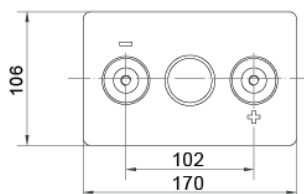
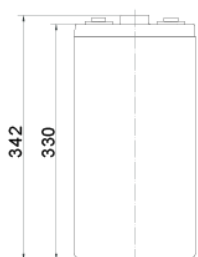




SBL 250-2i

Nominal voltage	2 V
Nominal capacity	250 Ah @ C10 to 1,80 V/cell
Technology	AGM (Absorbent Glass Mat) VRLA (Valve Regulated Lead Acid)
Weight	~ 13,3 kg
Design life time	20 years (standby use) Very Long Life acc. Eurobat
Internal resistance	~ 0,78 mΩ (full charged)

Operating temperature range	Discharge -20°C ~ +60°C
	Charge 0°C ~ +50°C
	Storage -20°C ~ +60°C
Max. discharge current	1250 (5 sec)
Short circuit current	2800 A
Max. charging current	50 A
Charging voltage	Standby use 2,27 ~ 2,30 VDC
	Cycle use 2,43 ~ 2,47 VDC
Self discharge	Monthly is less than 3% at 25°C
Container material	ABS UL94HB (optional UL94-V0)



Length	170 ±2 mm
Width	106 ±2 mm
Height	330 ±2 mm
Total height	342 ±2 mm
Terminal type	Internal thread M8 (breaking torque 10-12 Nm)

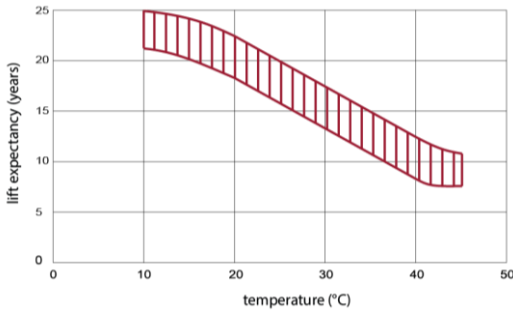
CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A at 25°C)

Napięcie/Czas	15 MIN	30 MIN	60 MIN	2 H	3 H	4 H	5 H	8 H	10 H	20 H
1.60V	392,4	246,7	152,7	94,1	70,5	56,8	47,2	31,7	26,4	
1.65V	367,7	236,9	147,5	91,1	68,3	55,2	45,9	31,3	26,1	
1.70V	344,3	226,4	142,7	88,1	66,5	53,7	44,7	30,9	25,7	
1.75V	320,4	216,4	137,5	85,0	64,5	52,3	43,6	30,4	25,3	
1.80V	295,9	206,8	132,2	81,9	62,5	50,8	42,5	29,9	25,0	
1.85V	245,5	178,1	118,6	75,1	57,8	47,3	39,6	28,1	23,5	

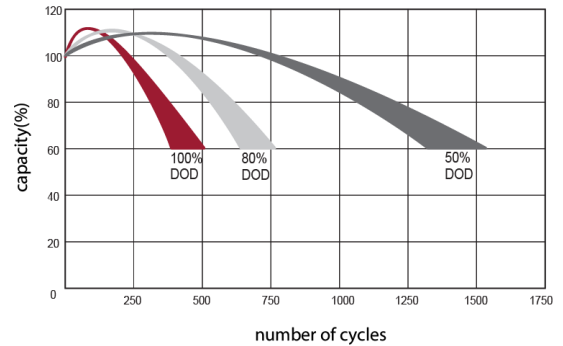
CONSTANT POWER DISCHARGE CHARACTERISTICS (W/cell at 25°C)

Napięcie/Czas	15 MIN	30 MIN	60 MIN	2 H	3 H	4 H	5 H	8 H	10 H	20 H
1.60V	686,0	448,1	287,0	178,3	134,7	109,0	90,9	61,9	51,8	
1.65V	652,3	434,7	278,8	173,4	131,1	106,4	88,9	61,3	51,3	
1.70V	620,0	419,7	271,4	168,6	128,1	103,9	86,9	60,5	50,6	
1.75V	585,4	405,3	263,1	163,5	124,8	101,6	85,0	59,8	50,0	
1.80V	548,2	391,3	254,5	158,4	121,4	99,1	83,1	58,9	49,4	
1.85V	461,3	340,3	229,6	146,0	112,7	92,4	77,7	55,4	46,6	

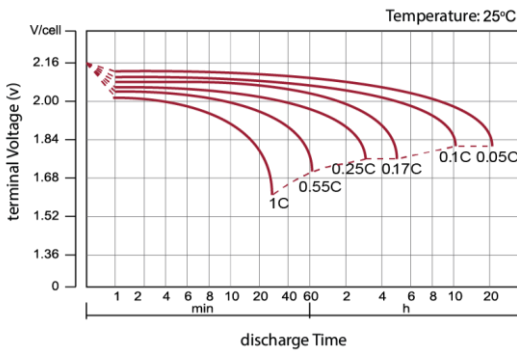
EFFECT OF TEMPERATURE ON LONG TERM LIFE



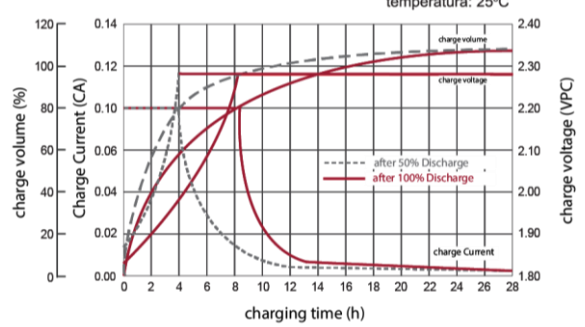
CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



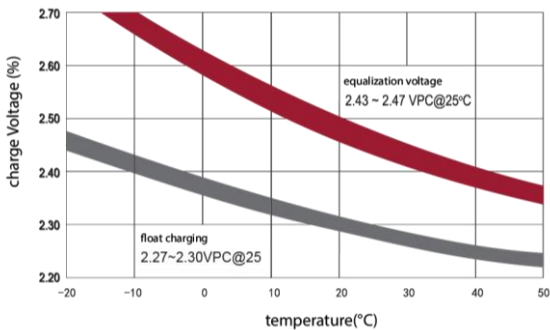
DISCHARGE CHARACTERISTICS CURVE



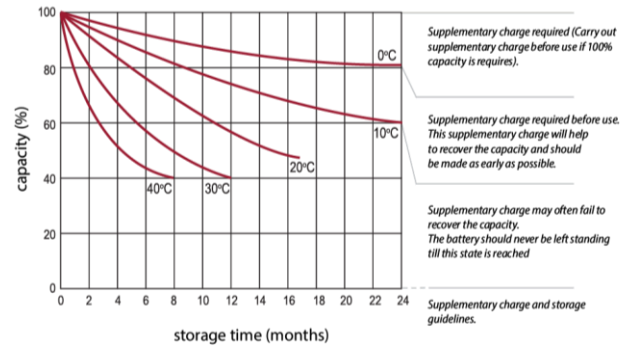
CHARGE CHARACTERISTIC CURVE FOR CYCLE USE



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

AGM Technology	VRLA Maintenance Free	Standard Type	-20st°C - 60st°C	Recyclable	> 12 Years Life Expect. EUROBAT
UPS	Emergency Lighting	Fire Alarm Systems	Security Systems	Energy Utilities	DC Power Supply

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