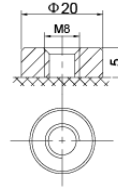
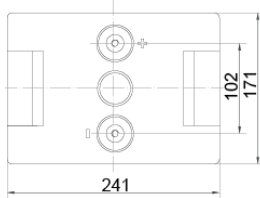
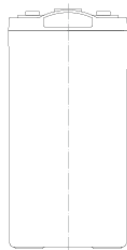
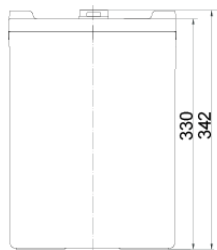




SBL 600-2i

Nominal voltage	2 V	Operating temperature range	Discharge -20°C ~ +60°C
Nominal capacity	600 Ah @ C10 to 1,80 V/cell		Charge 0°C ~ +50°C
Technology	AGM (Absorbent Glass Mat) VRLA (Valve Regulated Lead Acid)		Storage -20°C ~ +60°C
Weight	~ 30 kg	Max. discharge current	2500 (5 sec)
Design life time	20 years (standby use) Very Long Life acc. Eurobat	Short circuit current	5080 A
Internal resistance	~ 0,55 mΩ (full charged)	Max. charging current	120 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	196 ±2 mm
Width	171 ±2 mm
Height	330 ±2 mm
Total height	342 ±2 mm
Terminal type	Internal thread M8 (breaking torque 10-12 Nm)

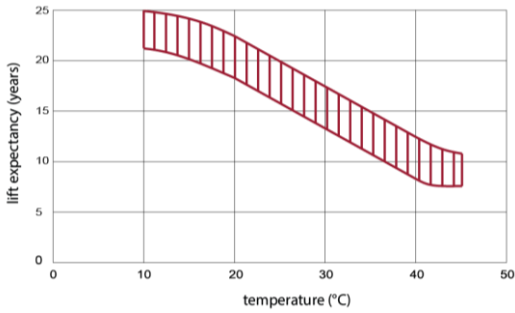
CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A at 25°C)

Napięcie/Czas	10 MIN	15 MIN	30 MIN	1 H	2 H	3 H	5 H	8 H	10 H	20 H
1.60V	762,2	653,5	486,6	339,6	216,6	161,3	108,4	74,85	62,70	32,92
1.65V	720,3	608,6	458,4	334,5	213,3	159,5	107,5	74,25	62,10	32,60
1.70V	671,4	577,5	441,4	325,8	209,8	156,5	105,7	73,35	61,80	32,45
1.75V	597,4	528,2	417,0	312,3	204,7	153,6	104,2	72,45	60,90	31,97
1.80V	505,5	472,5	390,3	300,3	197,8	150,3	102,1	71,26	60,00	31,50
1.85V	411,3	389,8	335,3	267,9	180,5	138,1	94,62	66,47	56,10	29,45

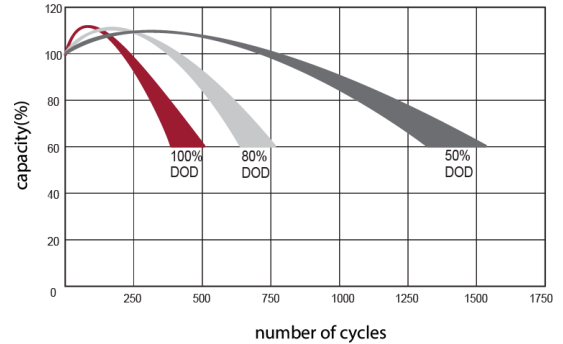
CONSTANT POWER DISCHARGE CHARACTERISTICS (W/cell at 25°C)

Napięcie/Czas	10 MIN	15 MIN	30 MIN	1 H	2 H	3 H	5 H	8 H	10 H	20 H
1.60V	1281	1103	853,9	636,6	411,1	308,6	209,8	146,7	123,9	65,05
1.65V	1249	1081	842,2	629,7	407,6	306,8	208,4	146,1	123,0	64,58
1.70V	1184	1038	817,8	617,7	400,7	301,8	206,6	144,6	122,1	64,10
1.75V	1074	965,2	779,8	597,3	392,0	296,7	203,3	143,1	120,9	63,47
1.80V	924,2	874,8	738,9	578,4	383,7	291,6	199,7	141,0	119,1	62,53
1.85V	765,1	733,5	640,1	517,0	350,8	269,3	186,0	132,0	111,9	58,75

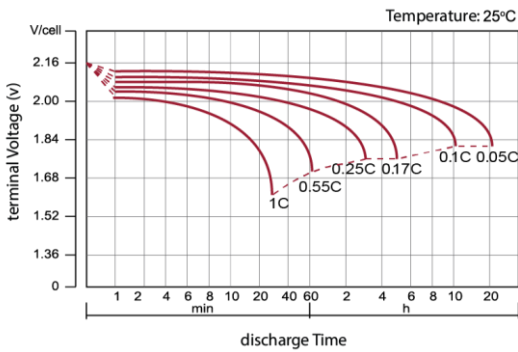
EFFECT OF TEMPERATURE ON LONG TERM LIFE



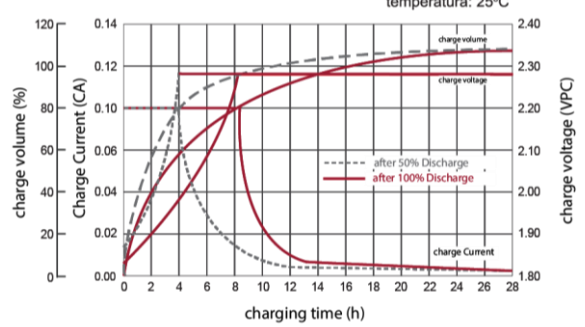
CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



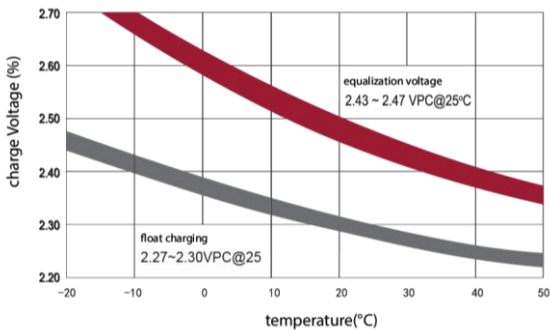
DISCHARGE CHARACTERISTICS CURVE



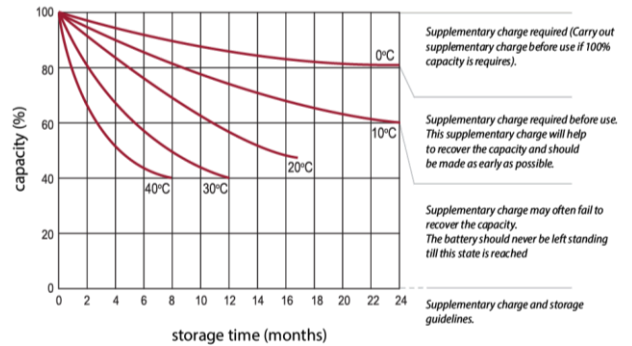
CHARGE CHARACTERISTIC CURVE FOR CYCLE USE



RELATIONSHIP BETWEEN CHARGING VOLTAGE AND TEMPERATURE



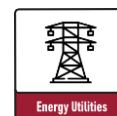
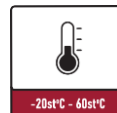
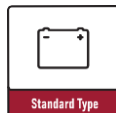
STORAGE CHARACTERISTICS



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.