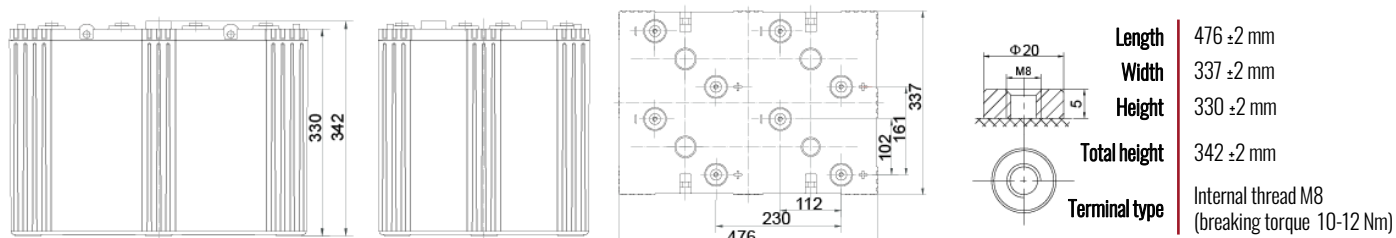




SBL 2000-2i

Nominal voltage	2 V	Operating temperature range	Discharge -20°C ~ +60°C
Nominal capacity	2000 Ah @ C10 to 1,80 V/cell		Charge 0°C ~ +50°C
			Storage -20°C ~ +60°C
Technology	AGM (Absorbent Glass Mat) VRLA (Valve Regulated Lead Acid)	Max. discharge current	7000 (5 sec)
		Short circuit current	14380 A
Weight	~ 116,5 kg	Max. charging current	400 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	~ 0,35 mΩ (full charged)	Self discharge	Monthly is less than 3% at 25°C
		Container material	ABS UL94HB (optional UL94-V0)



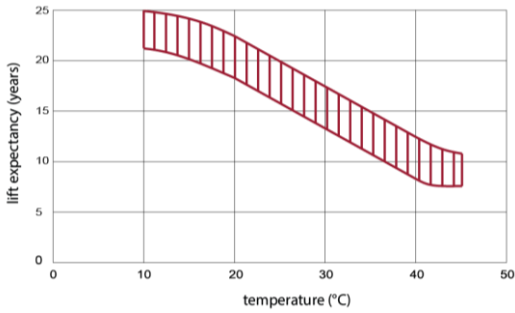
CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A at 25°C)

Napięcie/Czas	10 MIN	15 MIN	30 MIN	1 H	2 H	3 H	5 H	8 H	10 H	20 H
1.60V	2261	2003	1574	1132	722,4	538,2	361,4	249,5	209,2	109,8
1.65V	2053	1803	1426	1115	711,0	531,9	357,9	247,8	207,5	108,9
1.70V	1911	1708	1371	1086	699,5	522,3	352,2	245,0	205,7	108,0
1.75V	1703	1565	1296	1041	682,3	512,0	347,1	241,5	203,5	106,8
1.80V	1439	1399	1215	1001	659,4	500,6	340,3	237,5	200,0	105,0
1.85V	1170	1155	1044	892,9	602,1	460,3	315,7	222,1	187,5	98,44

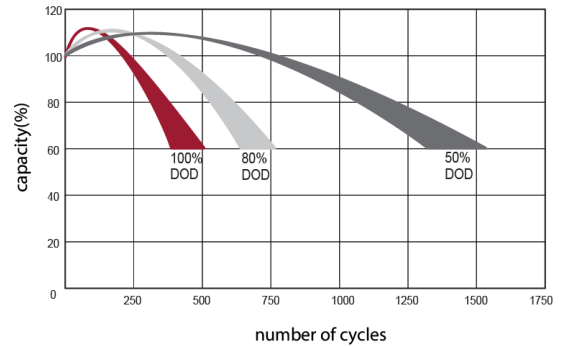
CONSTANT POWER DISCHARGE CHARACTERISTICS (W/cell at 25°C)

Napięcie/Czas	10 MIN	15 MIN	30 MIN	1 H	2 H	3 H	5 H	8 H	10 H	20 H
1.60V	3650	3227	2657	2121	1370	1029	700,0	489,4	412,5	216,6
1.65V	3557	3278	2618	2099	1359	1023	694,2	487,0	410,3	215,4
1.70V	3372	3151	2543	2059	1336	1006	688,5	482,5	406,8	213,6
1.75V	3059	2929	2426	1991	1307	988,7	677,1	477,4	402,8	211,5
1.80V	2631	2655	2300	1928	1279	971,7	665,8	470,4	397,2	208,5
1.85V	2178	2224	1993	1723	1170	897,8	620,2	440,1	372,5	195,6

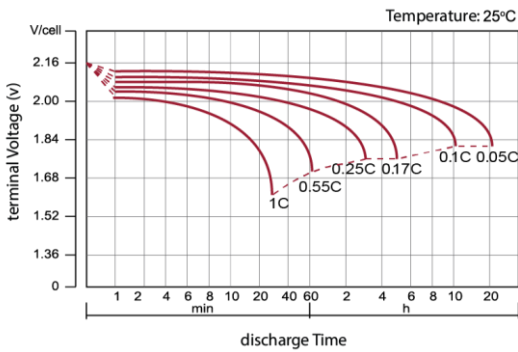
EFFECT OF TEMPERATURE ON LONG TERM LIFE



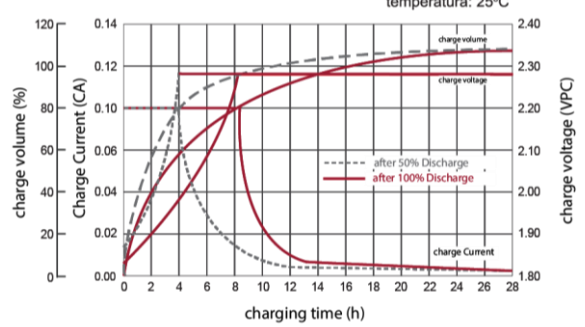
CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



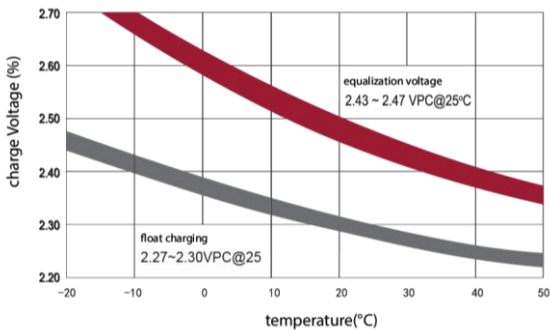
DISCHARGE CHARACTERISTICS CURVE



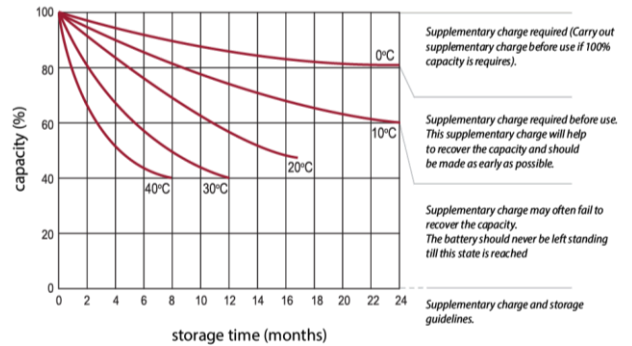
CHARGE CHARACTERISTIC CURVE FOR CYCLE USE



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

					> 12 Years Life Expect. EUROBAT icon"/>

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