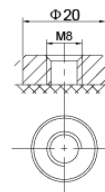
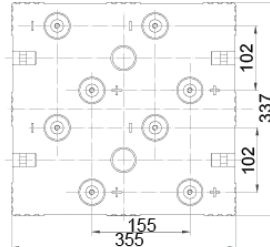
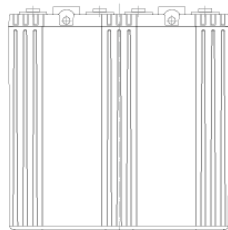
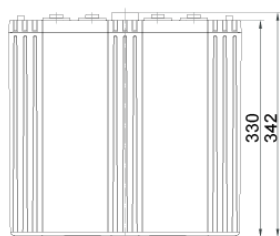




SBL 1500-2i

Nominal voltage	2 V
Nominal capacity	1500 Ah @ C10 to 1,80 V/cell
Technology	AGM (Absorbent Glass Mat) VRLA (Valve Regulated Lead Acid)
Weight	~ 84,5 kg
Design life time	20 years (standby use) Very Long Life acc. Eurobat
Internal resistance	~ 0,40 mΩ (full charged)

Operating temperature range	Discharge -20°C ~ +60°C
	Charge 0°C ~ +50°C
	Storage -20°C ~ +60°C
Max. discharge current	6000 (5 sec)
Short circuit current	10200 A
Max. charging current	300 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	355 ±2 mm
Width	337 ±2 mm
Height	330 ±2 mm
Total height	342 ±2 mm
Terminal type	Internal thread M8 (breaking torque 10-12 Nm)

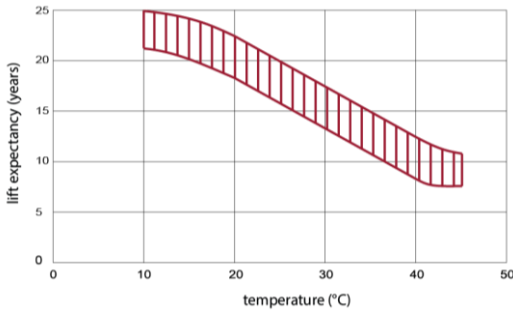
CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A at 25°C)

Voltage/Time	10 MIN	15 MIN	30 MIN	1 H	2 H	3 H	5 H	8 H	10 H	20 H
1.60V	1695	1502	1181	848,9	541,8	403,6	271,0	187,1	156,9	82,36
1.65V	1540	1352	1069	836,0	533,2	398,9	268,4	185,9	155,6	81,70
1.70V	1434	1281	1028	814,7	524,6	391,7	264,2	183,8	154,3	80,98
1.75V	1277	1174	972,3	780,6	511,7	384,0	260,3	181,1	152,6	80,13
1.80V	1079	1049	911,6	750,7	494,5	375,5	255,2	178,1	150,0	78,75
1.85V	877,7	866,1	783,0	669,7	451,6	345,2	236,8	166,5	140,6	73,83

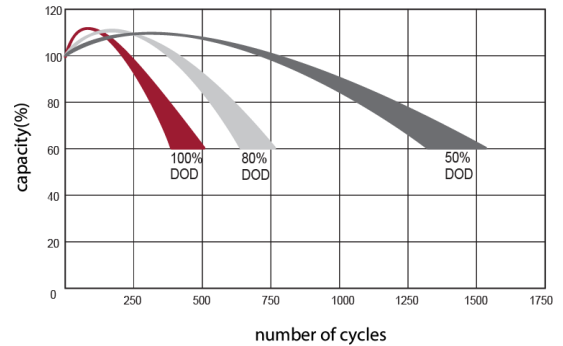
CONSTANT POWER DISCHARGE CHARACTERISTICS (W/cell at 25°C)

Voltage/Time	10 MIN	15 MIN	30 MIN	1 H	2 H	3 H	5 H	8 H	10 H	20 H
1.60V	2737	2420	1993	1591	1028	771,4	525,0	367,0	309,4	162,4
1.65V	2668	2458	1963	1574	1019	767,2	520,6	365,3	307,8	161,6
1.70V	2529	2363	1907	1544	1002	754,3	516,4	361,9	305,1	160,2
1.75V	2294	2197	1820	1493	980,4	741,5	507,8	358,0	302,1	158,6
1.80V	1973	1991	1725	1446	958,9	728,7	499,4	352,8	297,9	156,4
1.85V	1633	1668	1495	1292	877,2	673,3	465,2	330,1	279,4	146,7

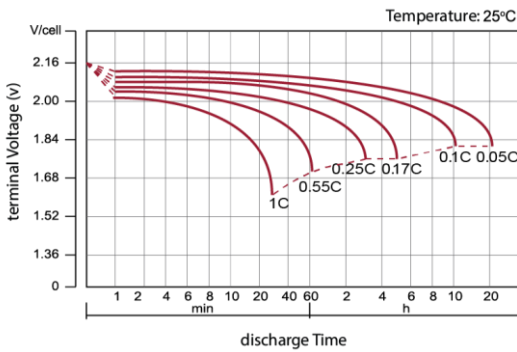
EFFECT OF TEMPERATURE ON LONG TERM LIFE



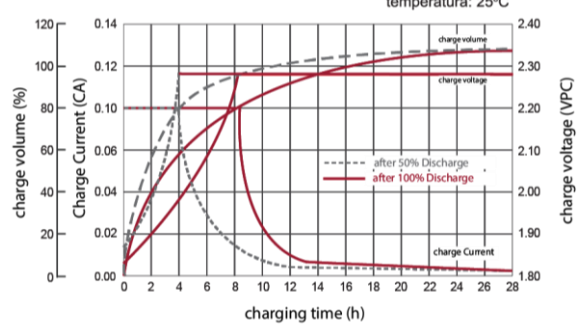
CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



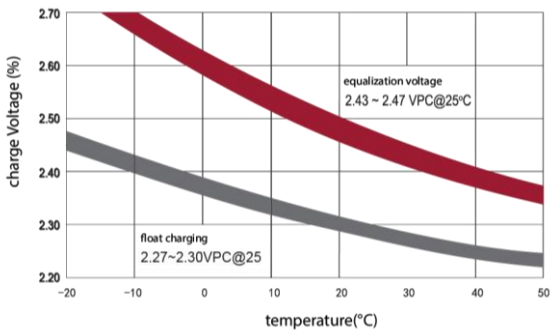
DISCHARGE CHARACTERISTICS CURVE



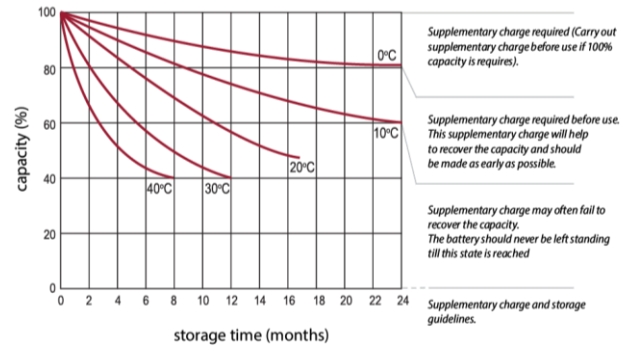
CHARGE CHARACTERISTIC CURVE FOR CYCLE USE



RELATIONSHIP BETWEEN CHARGING VOLTAGE AND TEMPERATURE



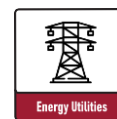
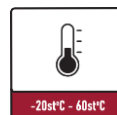
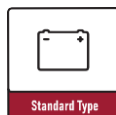
STORAGE CHARACTERISTICS



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.