

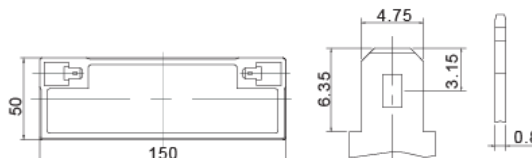
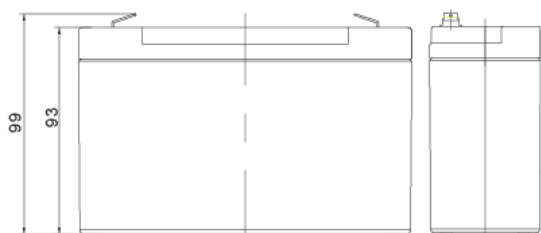


SB 12-6



Nominal voltage	6 V
Nominal Capacity	12 Ah @ C20 to 1,75 V/cell
Technology	AGM (Absorbent Glass Mat) VRLA (Valve Regulated Lead Acid)
Weight	~ 1,65 kg
Design life time	6-9 years (standby use) General Purpose wg Eurobat
Internal resistance	~ 12 mΩ (full charged)

Operating temperature range	Discharge	-20°C ~ +60°C
	Charge	0°C ~ +50°C
	Storage	-20°C ~ +60°C
Max. discharge current	120 A (5 sec)	
Short circuit current	580 A	
Max. charging current	3,6 A	
Charging voltage	Standby use	6,85 ~ 6,94 DC
	Cycle use	7,30 ~ 7,40 VDC
Self discharge	Monthly is less than 3% at 25°C	
Container material	ABS UL94HB (optional UL94-V0)	



Length	150 ±1,5 mm
Width	50 ±1,5 mm
Height	93 ±1,5 mm
Total height	99 ±1,5 mm
Terminal types	fast-on 4,8 mm

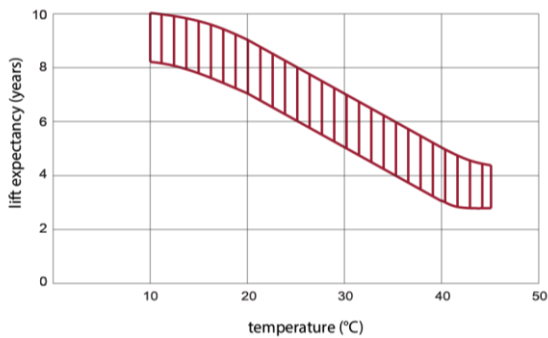
CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A at 25°C)

Napięcie / Czas	5MIN	10MIN	15MIN	30MIN	1H	2H	3H	4H	5H	8H	10H	20H
1.60 V	44.16	31.53	23.03	13.23	7.332	4.502	3.384	2.732	2.264	1.457	1.183	0.625
1.65 V	41.07	29.80	22.02	12.70	7.080	4.358	3.280	2.658	2.205	1.441	1.169	0.615
1.70 V	37.05	27.43	20.62	12.14	6.850	4.214	3.190	2.586	2.148	1.418	1.151	0.607
1.75 V	33.20	25.11	19.19	11.60	6.600	4.067	3.095	2.520	2.094	1.399	1.136	0.600
1.80 V	29.15	22.73	17.72	11.09	6.347	3.921	2.999	2.447	2.040	1.375	1.122	0.594
1.85 V	23.14	18.58	14.70	9.549	5.693	3.593	2.773	2.275	1.902	1.291	1.056	0.564

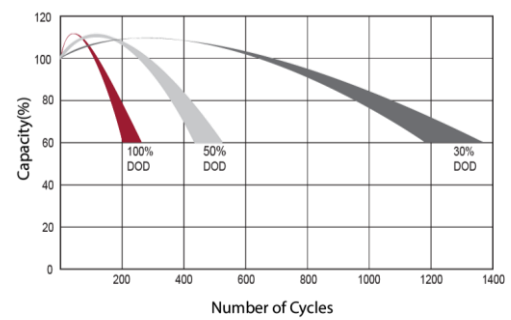
CONSTANT POWER DISCHARGE CHARACTERISTICS (W/cell at 25°C)

Napięcie / Czas	5MIN	10MIN	15MIN	30MIN	1H	2H	3H	4H	5H	8H	10H	20H
1.60 V	73.21	53.60	40.26	24.02	13.78	8.532	6.463	5.245	4.363	2.845	2.326	1.230
1.65 V	68.87	51.63	39.06	23.31	13.38	8.300	6.290	5.122	4.266	2.819	2.301	1.213
1.70 V	63.55	48.40	37.13	22.50	13.03	8.070	6.146	5.002	4.169	2.782	2.269	1.199
1.75 V	58.20	45.10	35.05	21.73	12.63	7.825	5.988	4.892	4.079	2.749	2.242	1.186
1.80 V	52.19	41.54	32.82	20.98	12.21	7.583	5.826	4.769	3.988	2.708	2.216	1.176
1.85 V	42.30	34.55	27.63	18.24	11.02	6.985	5.410	4.449	3.731	2.548	2.089	1.118

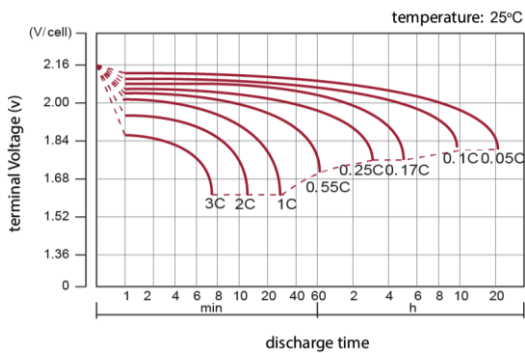
EFFECT OF TEMPERATURE ON LONG TERM LIFE



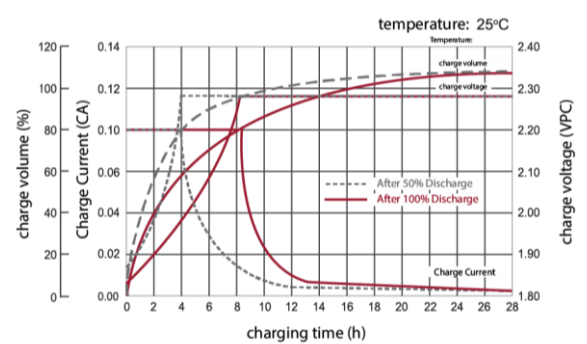
CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



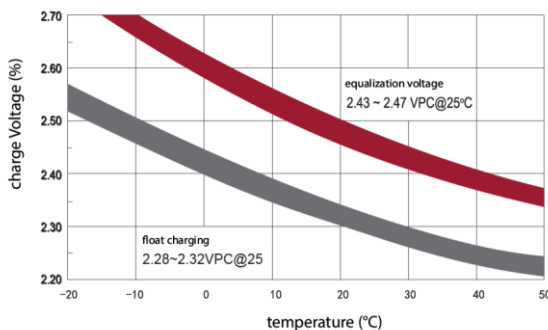
DISCHARGE CHARACTERISTICS CURVE



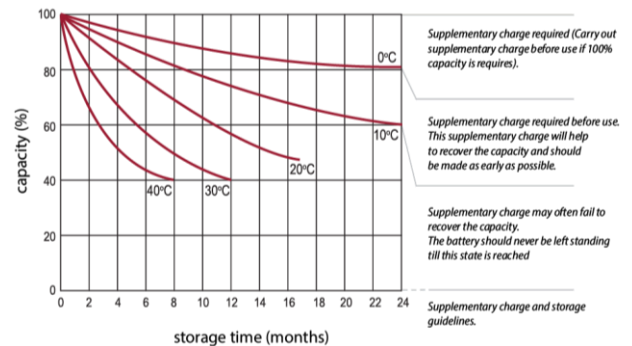
CHARGE CHARACTERISTIC CURVE FOR CYCLE USE



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	FOR INDUSTRIAL USE	Recyclable	6-9 Years Life Expect. EUROBAT
UPS	Emergency Lighting	Fire Alarm System	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.