



# SBLFT 200-12i



Nominal voltage	12 V
Nominal capacity	212 Ah @ C20 to 1,75 V/cell
	200 Ah @ C10 to 1,80 V/cell
Technology	AGM (Absorbent Glass Mat)
	VRLA (Valve Regulated Lead Acid)
Weight	~ 57,5 kg
Design life time	12 years (standby use)
	Long Life acc. Eurobat
Internal resistance	~ 3,5 mΩ (full charged)

Operating temperature range	Discharge -20°C ~ +60°C
	Charge 0°C ~ +50°C
	Storage -20°C ~ +60°C
Max. discharge current	2000 A (5 sec)
Short circuit current	60 A
Charging voltage	Standby use 13,6 ~ 13,8 VDC
	Cycle use 14,6 ~ 14,8 VDC
Self discharge	Monthly is less than 3% at 25°C
Container material	ABS UL94HB (optional UL94-V0)
Additional option	Centralized venting system



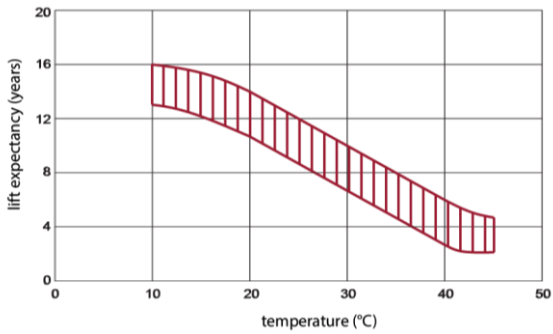
## CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A at 25°C)

Voltage/Time	15 MIN	30 MIN	60 MIN	2 H	3 H	4 H	5 H	8 H	10 H	20 H
1.60V	345,1	214,6	122,2	72,8	56,4	44,3	37,7	25,4	21,1	11,0
1.65V	329,9	206,1	118,0	70,5	54,7	43,1	36,8	25,1	20,8	10,9
1.70V	309,0	197,0	114,2	68,2	53,2	42,0	35,8	24,7	20,5	10,7
1.75V	287,6	188,2	110,0	65,8	51,6	40,9	34,9	24,3	20,3	10,6
1.80V	265,5	179,9	105,8	63,4	50,0	39,7	34,0	23,9	20,0	10,5
1.85V	220,3	155,0	94,9	58,1	46,2	36,9	31,7	22,5	18,8	10,0

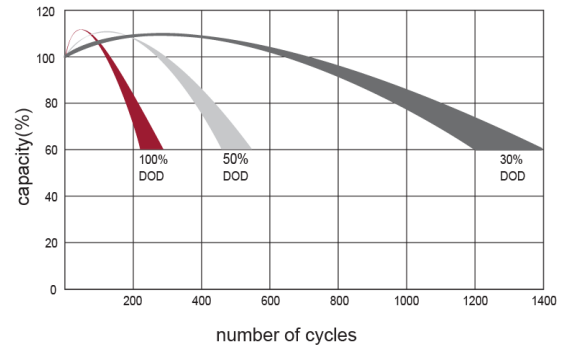
## CONSTANT POWER DISCHARGE CHARACTERISTICS (W/cell at 25°C)

Voltage/Time	15 MIN	30 MIN	60 MIN	2 H	3 H	4 H	5 H	8 H	10 H	20 H
1.60V	603,3	389,8	229,6	138,0	107,7	85,1	72,7	49,5	41,5	21,7
1.65V	585,3	378,2	223,0	134,2	104,9	83,1	71,1	49,1	41,0	21,4
1.70V	556,4	365,1	217,1	130,5	102,5	81,2	69,5	48,4	40,5	21,2
1.75V	525,3	352,6	210,5	126,5	99,8	79,4	68,0	47,8	40,0	21,0
1.80V	491,9	340,4	203,6	122,6	97,1	77,4	66,5	47,1	39,5	20,8
1.85V	414,0	296,1	183,7	113,0	90,2	72,2	62,2	44,4	37,3	19,7

EFFECT OF TEMPERATURE ON LONG TERM LIFE



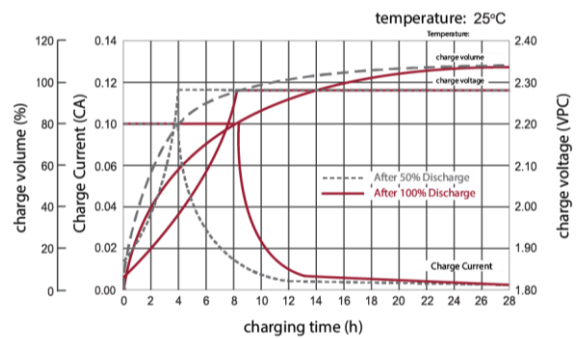
CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



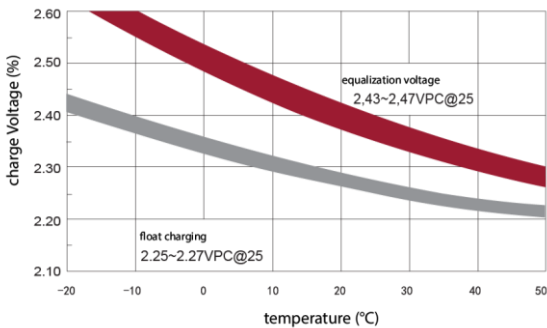
DISCHARGE CHARACTERISTICS CURVE



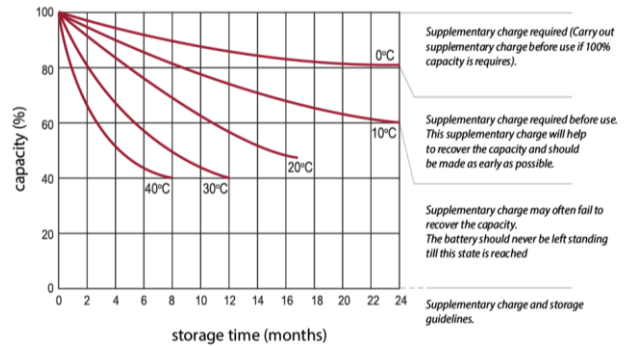
CHARGE CHARACTERISTIC CURVE FOR CYCLE USE



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



AGM Technology	VRLA Maintenance Free	Front terminal	-20st°C - 60st°C	Recyclable	10-12 Years Life Expect. EUROBAT
UPS	Telecommunications	Security Systems	Energy Utilities	DC Power Supply	FOR INDUSTRIAL USE

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

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