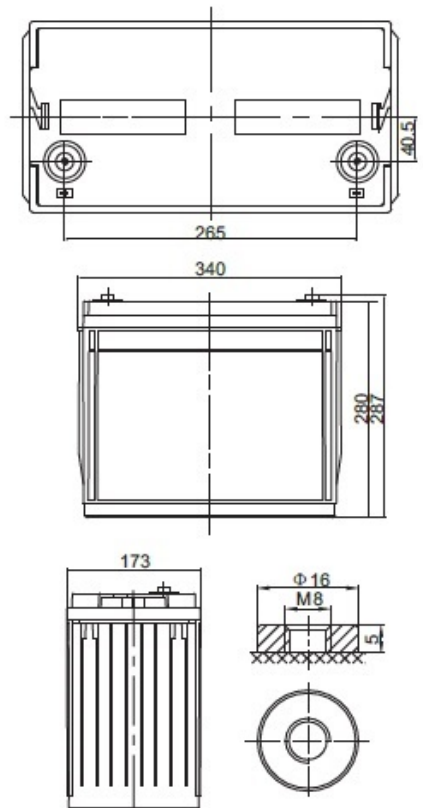




SBL 175-12HR

Nominal voltage	12 V	
Nominal capacity	580 W @ 15 min to 1,67 W/cell at 20°C	
Dimensions	Length	340 mm
	Width	173 mm
	Height / Total height	280 / 287 mm
Weight	~ 47,0 kg	
Technology	VRLA (Valve Regulated Lead Acid) AGM (Absorbent Glass Mat)	
Design life time	15 years (trickle use at 20°C)	
Internal resistance	~ 3,8 mΩ (full charged)	
Operating temperature range	Discharge	-20°C ~ +60°C
	Charge	0°C ~ +60°C
	Storage	-20°C ~ +60°C
Normal operating temperature range	+20°C ± 5°C	
Maximum discharge current	1550 A (5 sek.)	
Short circuit current	3150 A	
Recommended maximum charging current	46,5 A	
Charging voltage	Standby use (at 20°C)	13,6 ~ 13,8 VDC
	Cycle use (at 20°C)	14,6 ~ 14,8 VDC
Self discharge	Monthly is less than 3% at 20°C	
Container material	ABS UL94HB (optional UL94-V0)	
Terminal types	Internal thread M8 (breaking torque 10 ÷ 12 Nm)	



CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A at 20°C)

Voltage / time	5 min	8 min	10 min	15 min	20 min	30 min	60 min	90 min
9.6 V	541,08	463,35	416,74	331,05	265,94	194,93	112,07	83,00
10.0 V	500,67	434,65	391,02	313,80	248,07	185,83	106,80	79,02
10.2 V	479,85	419,36	376,88	304,14	238,60	180,56	103,73	76,64
10.5 V	453,22	398,39	353,90	289,88	232,07	175,47	102,02	74,93
10.8 V	426,28	377,42	330,75	275,37	225,20	170,10	100,01	73,11
11.1 V	397,81	354,88	306,65	259,69	217,34	163,81	97,61	70,92

CONSTANT POWER DISCHARGE CHARACTERISTICS (W at 20°C)

Voltage / time	5 min	8 min	10 min	15 min	20 min	30 min	60 min	90 min
9.6 V	5789,9	5030,6	4551,9	3637,7	2932,7	2154,5	1243,6	924,6
10.0 V	5409,4	4764,8	4312,5	3481,7	2762,3	2073,9	1196,6	888,8
10.2 V	5246,4	4652,4	4205,8	3414,3	2688,3	2038,9	1176,0	872,2
10.5 V	5017,4	4476,1	3999,1	3295,4	2647,8	2006,4	1171,3	863,5
10.8 V	4787,0	4301,4	3792,4	3175,7	2606,5	1973,2	1164,7	854,8
11.1 V	4558,0	4126,8	3586,7	3056,0	2566,9	1939,0	1160,0	846,1

According with:

PN-EN 60896-21:2007	ISO 9001
PN-EN 60896-22:2007	ISO 14001
PN-EN 61056-1:2013	UL1989
PN-EN 61056-2:2013	
PN-E-83016:1999	



Please refer to the official site for the latest data: www.wamtechnik.pl