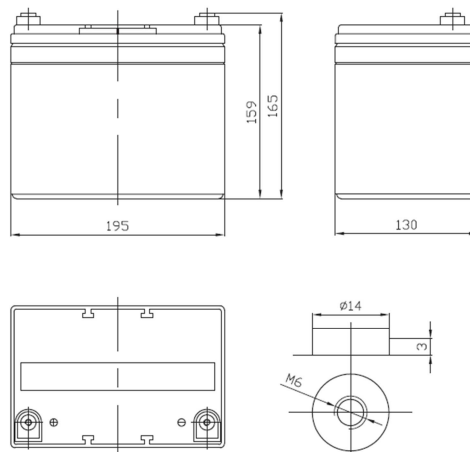
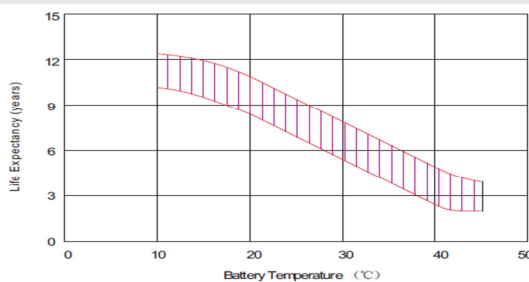


SBL 33-12i (12V 33Ah)

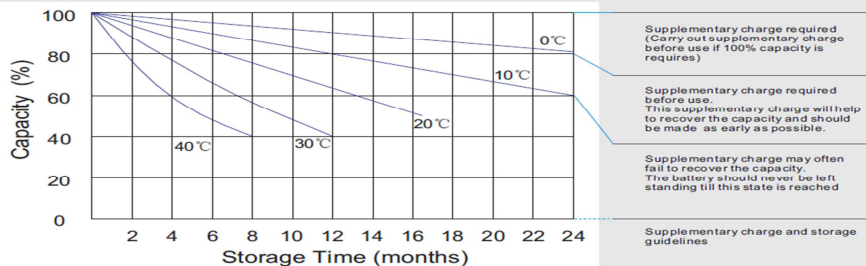
Design life time	10-12 years
Technology	VRLA-AGM
Voltage	12 V
Capacity minimalna (10hr-rate to 1,8 V/cel at 25°C)	33 Ah
Dimensions	
Length	195 mm
Width	130 mm
High	159 mm
Total high	165 mm
Weight	
Internal resistance – full charged battery at 25°C	~ 9 mΩ
Temp. range	
Discharge	- 20°C ~ + 60°C
Charge	- 0°C ~ + 50°C
storage	- 20°C ~ + 60°C
Battery case	ABS (UL-94HB)



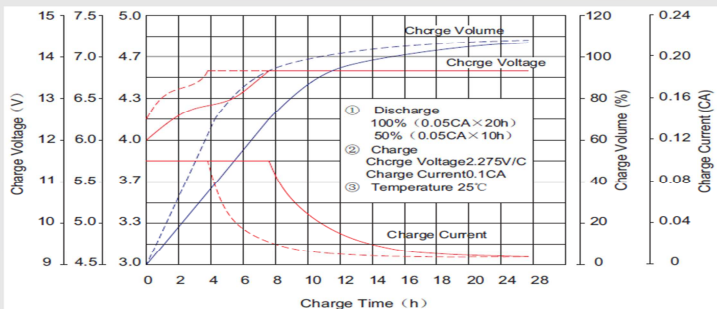
Effect of temperature on long term float life



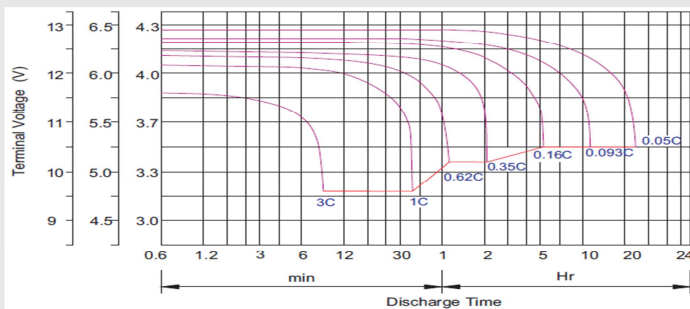
Storage characteristic



Charge characteristic Curve for standby use



Discharge characteristic Curve



Constant Current Discharge Characteristics (A at 25°C)

napięcie/czas	5 min	10 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	8 h	10 h	20 h
9.6 V	110.6	81.41	63.46	38.67	21.45	12.83	8.858	7.338	6.178	4.220	3.500	1.868
10.0 V	107.4	77.46	62.16	38.01	21.35	12.73	8.824	7.304	6.141	4.185	3.466	1.834
10.2 V	104.2	74.73	61.18	37.30	21.15	12.63	8.756	7.270	6.105	4.151	3.433	1.800
10.5 V	93.56	68.95	58.26	37.02	20.96	12.54	8.722	7.202	6.032	4.117	3.399	1.766
10.8 V	84.45	62.88	53.70	36.39	20.46	12.31	8.485	7.032	5.923	4.048	3.365	1.732
11.1 V	72.10	56.20	48.17	34.07	19.44	11.77	8.111	6.692	5.669	3.877	3.264	1.630

Constant Power Discharge Characteristics (W at 25°C)

napięcie/czas	5 min	10 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	8 h	10 h	20 h
9.6 V	1167	867.0	691.8	434.0	247.9	151.2	105.41	87.46	73.70	50.38	41.82	22.39
10.0 V	1144	840.4	680.7	428.7	247.3	150.4	105.45	87.35	73.51	50.14	41.56	22.00
10.2 V	1130	818.2	673.1	425.6	245.4	149.5	104.99	87.16	73.26	49.81	41.19	21.60
10.5 V	1029	761.9	642.0	422.7	243.2	148.4	104.58	86.35	72.39	49.40	40.79	21.19
10.8 V	937.4	702.4	593.4	415.9	238.7	146.5	101.73	84.38	71.08	48.58	40.38	20.78
11.1 V	823.3	635.0	534.2	391.7	228.5	141.1	97.34	80.31	68.03	46.52	39.17	19.56