

SBL 3-6 (6V 3,0Ah)

Designed life time according to

Eurobat

6-9 years

Technology

VRLA-AGM

Voltage

6 V

Nominal capacity (10h-rate to 1,8 V/cell at 25°C)

3,0 Ah

Dimensions

Lenght 66 mm

Width 33 mm

High 98 mm

Total high 104 mm

Weight

~ 0,54 kg

Internal resistance (25°C)

~ 25 mΩ

Operating temperature range

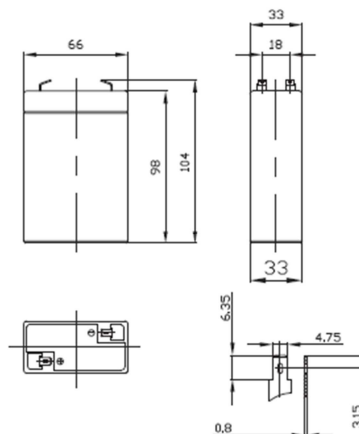
Discharge - 20°C ~ + 60°C

Charge - 0°C ~ + 50°C

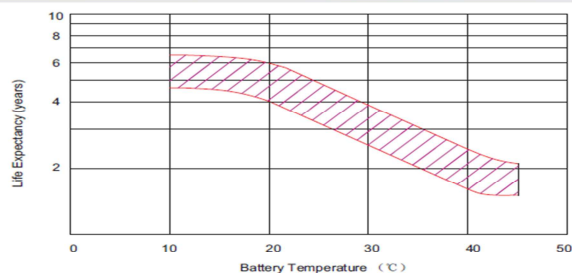
Storage - 20°C ~ + 60°C

Container material

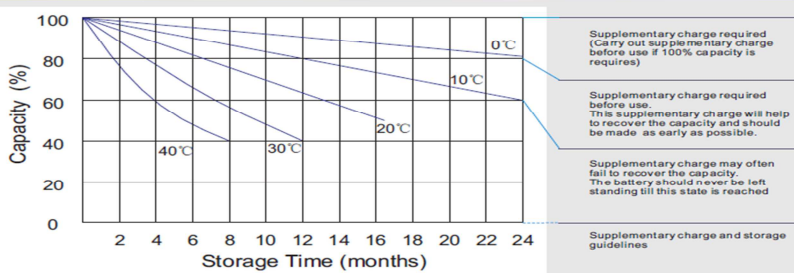
ABS (UL-94HB)



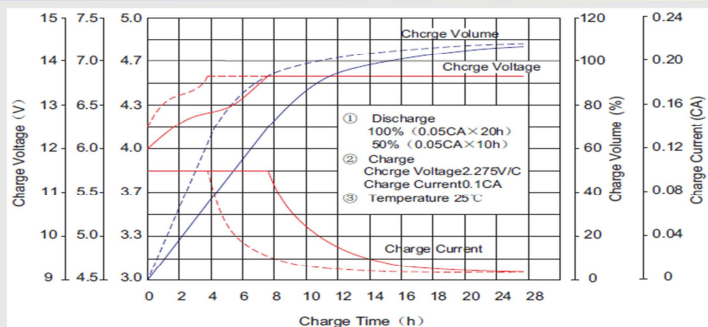
Effect of temperature on long term float life



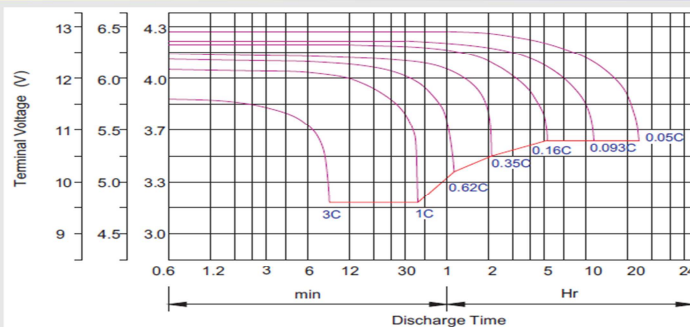
Storage characteristic



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
4.8 V	11,39	7,464	5,851	3,284	1,952	1,124	0,764	0,611	0,508	0,323	0,280	0,157
5.0 V	10,97	7,278	5,664	3,242	1,898	1,101	0,750	0,603	0,499	0,322	0,277	0,151
5.1 V	10,33	6,918	5,506	3,193	1,881	1,090	0,743	0,597	0,494	0,319	0,273	0,149
5.25 V	9,285	6,469	5,193	3,105	1,844	1,075	0,736	0,591	0,488	0,316	0,271	0,144
5.4 V	8,319	6,032	4,900	3,002	1,810	1,067	0,728	0,588	0,482	0,315	0,267	0,136
5.55 V	7,279	5,531	4,520	2,888	1,762	1,024	0,714	0,583	0,478	0,312	0,263	0,133

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
4.8 V	59,89	39,70	31,32	18,80	11,33	6,557	4,464	3,617	3,005	1,936	1,677	0,941
5.0 V	58,33	38,87	30,87	18,60	11,16	6,501	4,455	3,608	2,989	1,928	1,661	0,908
5.1 V	55,48	37,33	30,46	18,44	11,08	6,460	4,438	3,578	2,960	1,914	1,645	0,891
5.25 V	50,64	35,79	28,88	18,07	10,93	6,408	4,420	3,546	2,925	1,898	1,628	0,866
5.4 V	45,68	33,49	27,28	17,64	10,75	6,355	4,369	3,532	2,895	1,889	1,603	0,816
5.55 V	40,29	31,18	25,70	17,15	10,55	6,135	4,283	3,497	2,867	1,876	1,579	0,803