SSB SBL 225-12HR (12V 5367W)

Specification

Nominal Voltage	12V	
Nominal Power (Watt / 20°C / 10.0 V/Battery)	5 min	7068,2 W / 12V-Battery
	10 min	5366,6 W / 12V-Battery
	15 min	4216,3 W / 12V-Battery
Nominal Power (Watt / 20°C / 1.67 V/C)	5 min	1178,03 W / 1.67 V/C
	10 min	894,43 W / 1.67 V/C
	15 min	702,7 W / 1.67 V/C
Nominal Capacity (10hr / 20°C / 10.0 V/Battery)	199,7 Ah	
Internal Resistance	Fully Charged battery 68°F(20°C)	≤3.6 mOhms
Self-Discharge	3% of capacity declined per month at 20°C (average) SSB series batteries may be stored for up to 6 months at 68°F(20°C) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	
Dimension	Length (mm / inch)	522 / 20.6
	Width (mm / inch)	240 / 9.45
	Height (mm / inch	219 / 8.62
	Total Height (mm / inch)	224 / 8.82
Approx. Weight (Kg / lbs)	63.5 / 140.0	
Operating Temperature Range (temporarily – see our manual)	Discharge : -20~60°C Charge : -0~50°C Storage : -20~60°C	
Max. Discharge Current 68°F(20°C)	2000A(5s)	
Short Circuit Current	3850A	
Charge Methods: Constant Voltage Charge 68°F(20°C)	Cycle use	2.30-2.35VPC
	Maximum charging current	0.96A
	Temperature compensation	-3mV/°C
	Standby use	2.23-2.275VPC
	Temperature compensation	-4mV/°C
Life expectancy	10~12 years at 20°C with charge voltage 2.25V/cell	

*All specifications are approximate values

Applications

- *Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance or water adding.*
- *Not restricted for air transport-complies with IATA/ICAO Special Provision A67.*
- *UL-recognized component.*
- *Can be mounted in any orientation.*
- *Computer designed lead, calcium tin alloy grid for high power density.*
- *Long service life, float or cyclic applications.*
- *Maintenance-free operation.*
- *Low self discharge.*
- *Case and cover available in both standard and flame retardant ABS.*

MH45680 | ISO14001 | Intertek ETL SEMKO

ISO9001

Comform to:
IEC60896-21&22 and/or IEC61427

Discharge Constant Current (Amperes at 68°F20°C)

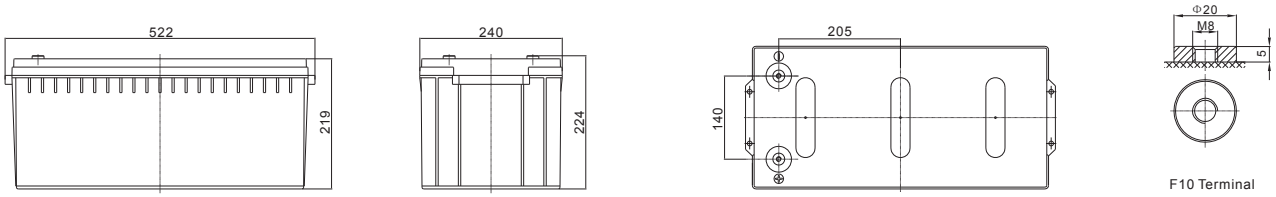
F.V/Time	5min	8min	10min	15min	20min	30min	60min	90min	2h	3h	4h	5h	8h	10h	20h
9.60V	707,00	587,80	518,60	400,90	327,82	249,71	152,53	114,16	69,765	51,746	42,029	35,480	23,707	20,161	10,340
10.0V	654,20	551,40	486,60	380,01	305,79	238,05	145,36	108,69	68,745	51,058	41,508	35,071	23,469	19,970	10,258
10.2V	627,00	532,00	469,00	368,30	294,12	231,30	141,19	105,41	67,387	50,142	40,813	34,525	23,150	19,715	10,147
10.5V	592,20	505,40	440,40	351,04	286,08	224,78	138,87	103,06	65,590	48,927	39,890	33,800	22,725	19,375	10,000
10.8V	557,00	478,80	411,60	333,47	277,60	217,91	136,12	100,56	63,229	47,327	38,673	32,841	22,163	18,924	9,804
11.1V	519,80	450,20	381,60	314,48	267,92	209,85	132,86	97,55	60,156	45,237	37,079	31,583	21,422	18,330	9,544

Discharge Constant Current (Watts at 68°F20°C)

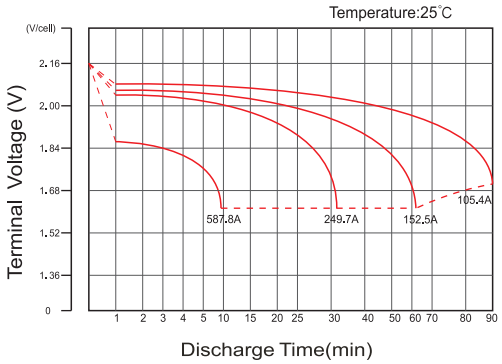
F.V/Time	5min	8min	10min	15min	20min	30min	60min	90min	2h	3h	4h	5h	8h	10h	20h
9.60V	7565,4	6381,8	5664,6	4405,2	3615,1	2759,9	1692,6	1271,7	805,26	601,91	491,39	416,50	281,97	241,35	123,99
10.0V	7068,2	6044,6	5366,6	4216,3	3405,0	2656,7	1628,7	1222,5	799,25	597,54	487,87	413,82	279,99	239,56	123,23
10.2V	6855,2	5902,0	5233,8	4134,6	3313,8	2611,8	1600,6	1199,7	785,89	588,28	480,77	408,22	276,55	236,66	122,01
10.5V	6556,0	5678,4	4976,6	3990,7	3263,9	2570,3	1594,2	1187,7	768,49	576,47	471,70	401,02	271,99	232,86	120,39
10.8V	6255,0	5456,8	4719,4	3845,7	3213,0	2527,7	1585,3	1175,7	744,56	559,81	458,93	391,02	265,88	227,72	118,17
11.1V	5955,8	5235,2	4463,4	3700,7	3164,2	2483,9	1578,9	1163,7	712,22	537,49	441,69	377,29	257,58	220,91	115,21

Updated: 25.03.2019

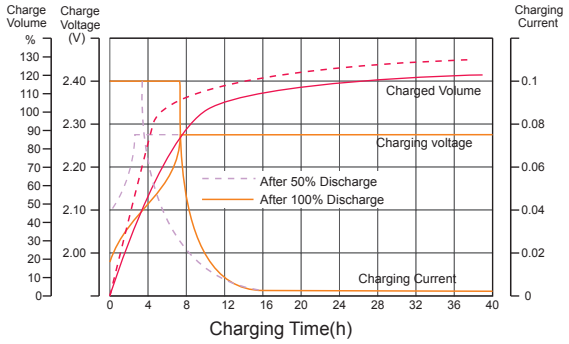
Dimensions



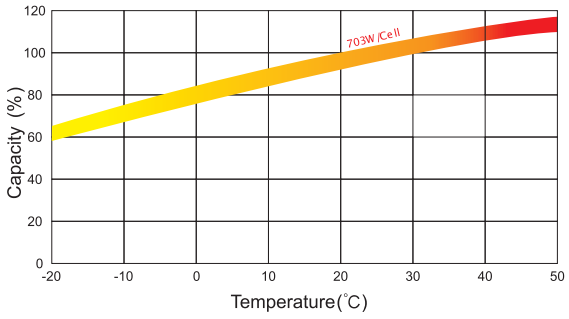
Discharge Characteristics



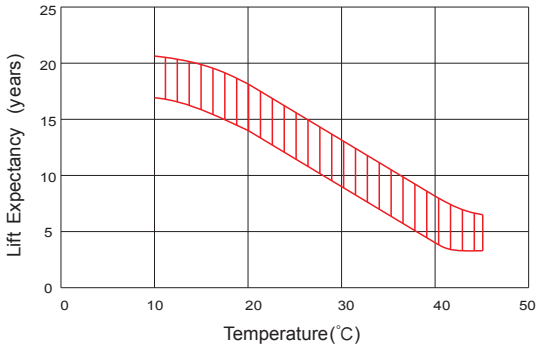
Float Charging Characteristics



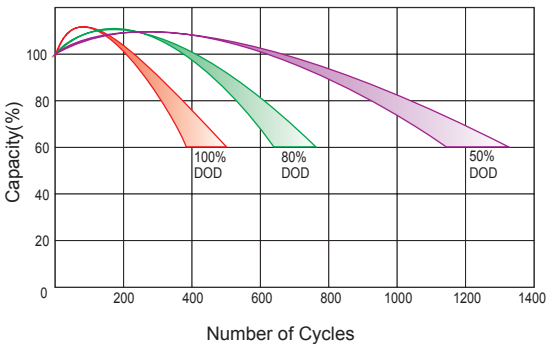
Temperature Effects in Relation to Battery Capacity



Effect of Temperature on Long Term Float Life



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics