



OSONIX

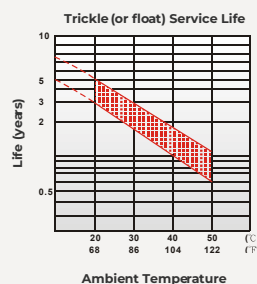
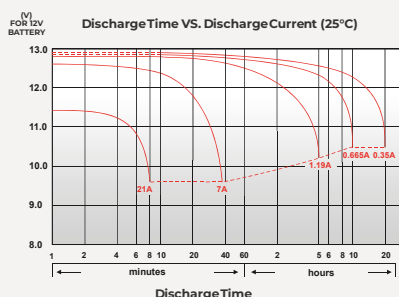
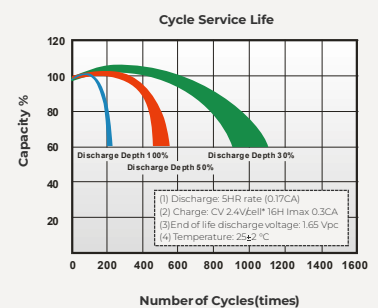
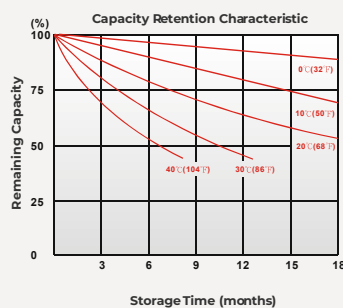
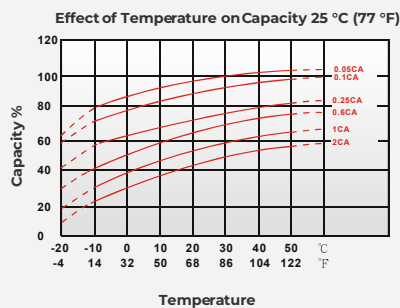
OBS127.2 (12V 7.2Ah)

VRLA - AGM Battery

OSONIX battery (pure lead) with AGM thin plate technology gives greater surface area to produce the required energy, higher cycle performance on charging / discharging and long life.

SPECIFICATIONS Design according with IEC60896, IEC61056

Nominal Voltage(V)	12V	Maximum Charging Current	2.1A
Nominal Power		Standby use:	
15 mins rate:	28W/cell to 1.60V/cell	Float Charging Voltage	13.5 to 13.8V
Nominal Capacity		Coefficient-3.0mV /°C / cell	
20 hour rate	(0.35A to 10.50V) 7.2Ah	Operating Temperature Range	
10 hour rate	(0.682A to 10.50V) 6.82Ah	Charge	-15°C(5°F) to 40°C(104°F)
5 hour rate	(1.19A to 10.20V) 5.95Ah	Discharge	-15°C(5°F) to 50°C(122°F)
1 C	(7A to 9.60V) 4.43Ah	Storage	-15°C(5°F) to 40°C(104°F)
3 C	(21A to 9.60V) 2.8Ah	Charge Retention (shelf life) at 20°C (68°F)	
Weight	2.2kg(4.85lb)	1 month	92%
Internal Resistance (at 1KHz)	19 mΩ	3 month	90%
Maximum Discharge Current for		6 month	80%
5 seconds	105A	Case material (comply with flame retardant)	ABS UL94 HB
Charging Methods at 25°C (77°F)		Design Life	5 Years
Cycle use:		Terminal	F2 - Faston Tab 250
Charging Voltage	14.4 to 15.0V		
Coefficient -5.0mV/°C /cell			



Compliance with:
IEC 60896, IEC 61056 standard
CE, UL1989, UL94 HB certification
ISO 9001, ISO 14001 certified production

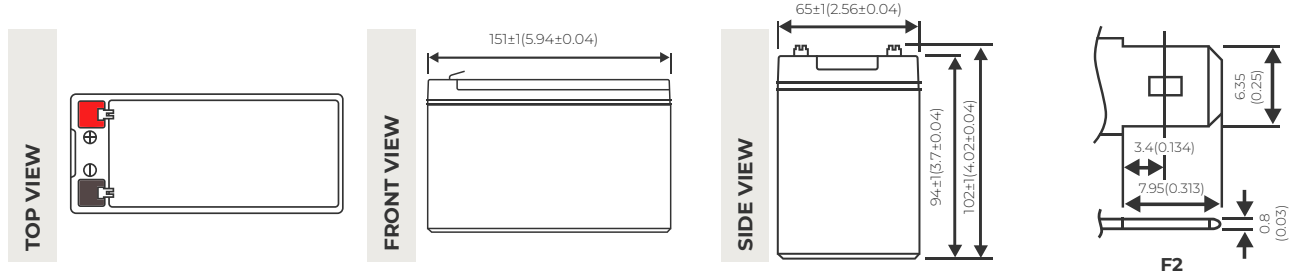


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DIMENSIONS



PERFORMANCE DATA

DISCHARGE RATES IN WATTS TO VARIOUS END VOLTAGES AT 25°C (77°F)							
End voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5 min	43.8	47.0	49.0	51.0	51.8	52.8	54.3
10 min	30.0	31.8	33.2	34.3	34.8	35.5	36.5
15 min	24.0	25.2	25.8	26.5	26.8	27.3	28.0
30 min	12.1	12.9	13.6	14.1	14.3	14.4	14.6
60 min	7.70	8.38	8.63	8.87	8.97	9.08	9.23
120 min	4.10	4.52	4.72	4.92	4.98	5.07	5.20
180 min	3.08	3.32	3.48	3.62	3.67	3.72	3.80
240 min	2.85	2.93	3.00	3.05	3.07	3.10	3.15
300 min	2.47	2.53	2.58	2.62	2.63	2.65	2.68
600 min	1.36	1.40	1.42	1.43	1.44	1.44	1.45
1200 min	0.690	0.705	0.718	0.728	0.732	0.737	0.743

DISCHARGE RATES IN AMPERES TO VARIOUS END VOLTAGES AT 25°C (77°F)							
End voltage	1.85V	1.80V	1.75V	1.70V	1.67V	1.65V	1.60V
5 min	23.1	26.2	27.8	29.1	29.6	30.5	31.7
10 min	16.1	17.3	18.1	18.6	18.9	19.2	19.8
15 min	12.6	13.1	13.5	13.8	14.0	14.1	14.3
30 min	6.54	7.05	7.28	7.47	7.56	7.68	7.85
60 min	4.02	4.25	4.41	4.52	4.58	4.63	4.71
120 min	2.26	2.38	2.45	2.49	2.51	2.54	2.57
180 min	1.65	1.74	1.79	1.82	1.83	1.85	1.88
240 min	1.35	1.40	1.44	1.47	1.49	1.51	1.53
300 min	1.10	1.16	1.21	1.25	1.27	1.28	1.29
600 min	0.667	0.675	0.682	0.687	0.690	0.694	0.698
1200 min	0.339	0.346	0.360	0.353	0.355	0.357	0.359

* Product specifications are subject to change without notice.
* US-V2510-Rev1.04
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