



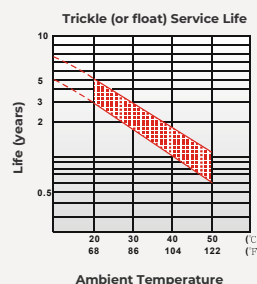
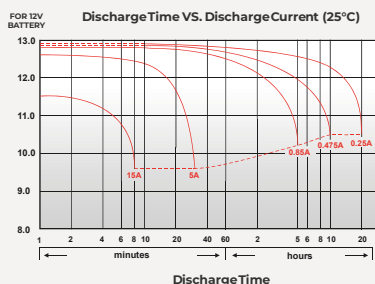
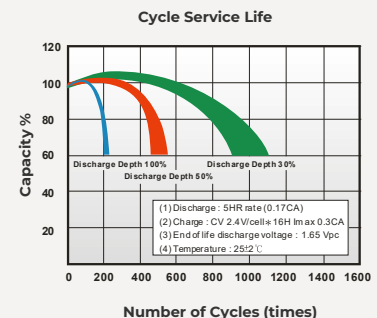
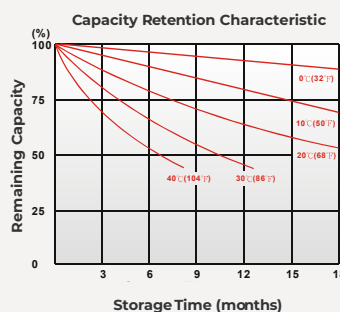
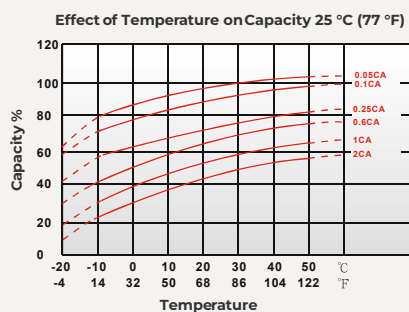
OBS1212 (12V 12Ah)

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		12V	Standby use:	
Nominal Capacity			Float Charging Voltage	13.5 to 13.8V
20 hour rate	(0.6A to 10.50V)	12Ah	Coefficient-3.0mV /°C / cell	
10 hour rate	(1.14A to 10.50V)	11.4Ah	Operating Temperature Range	
5 hour rate	(2.04A to 10.20V)	10.2Ah	Charge	-15°C(5°F) to 40°C(104°F)
1 C	(12A to 9.60V)	6.4Ah	Discharge	-15°C(5°F) to 50°C(122°F)
3 C	(36A to 9.60V)	4.2Ah	Storage	-15°C(5°F) to 40°C(104°F)
Weight		3.75Kg (8.25lb)	Charge Retention (shelf life) at 20°C (68°F)	
Internal Resistance (at 1KHz)		13 mΩ	1 month	92%
Maximum Discharge Current for			3 month	90%
5 seconds		180A	6 month	80%
Charging Methods at 25°C (77°F)			Case material (comply with flame retardant)	ABS UL94 HB
Cycle use:			Design Life	5 Years
Charging Voltage		14.4 to 15.0V	Terminal	F2 - Faston Tab 250
Coefficient -5.0mV/°C /cell				
Maximum Charging Current		3.6A		



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

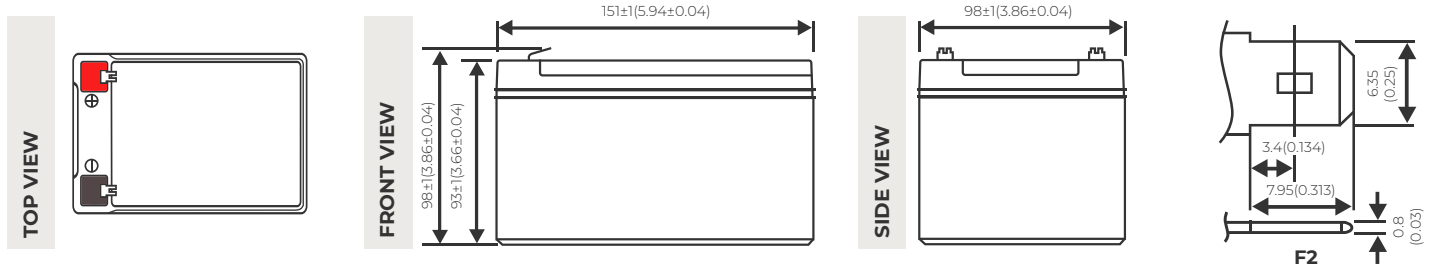


OBS1212 (12V 12Ah)

VRLA - AGM Battery



DIMENSIONS mm (inch)



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	67.6	75.2	80.8	86.7	89.3	91.2	97.0
10 min	48.0	52.5	54.9	57.3	58.2	59.5	61.0
15 min	38.6	41.0	42.6	44.1	44.5	45.4	46.6
30 min	22.2	23.6	24.6	25.4	25.7	25.9	26.3
60 min	15.8	16.3	16.7	17.0	17.2	17.3	17.5
120 min	8.63	8.92	9.04	9.14	9.18	9.24	9.32
180 min	5.65	5.87	6.05	6.20	6.27	6.35	6.42
240 min	4.78	4.88	4.96	5.06	5.12	5.20	5.26
300 min	3.96	4.08	4.18	4.30	4.33	4.38	4.48
600 min	2.34	2.40	2.44	2.47	2.48	2.50	2.52
1200 min	1.19	1.21	1.25	1.26	1.28	1.29	1.32

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	37.2	41.4	44.5	47.7	49.1	50.6	53.4
10 min	25.7	28.1	29.4	30.7	31.2	31.9	32.7
15 min	19.8	21.3	22.1	22.9	23.2	23.5	24.2
30 min	11.4	12.1	12.6	13.0	13.1	13.3	13.5
60 min	8.21	8.40	8.52	8.63	8.68	8.74	8.82
120 min	4.21	4.36	4.47	4.56	4.59	4.63	4.68
180 min	2.87	3.06	3.13	3.19	3.22	3.25	3.29
240 min	2.38	2.43	2.47	2.52	2.55	2.58	2.62
300 min	1.97	2.03	2.08	2.14	2.16	2.19	2.23
600 min	1.16	1.18	1.2	1.22	1.23	1.24	1.25
1200 min	0.592	0.599	0.618	0.627	0.634	0.642	0.656

* Product specifications are subject to change without notice.

* US-V2510-Rev1.03

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