



OBS1226M5 (12V 26Ah)

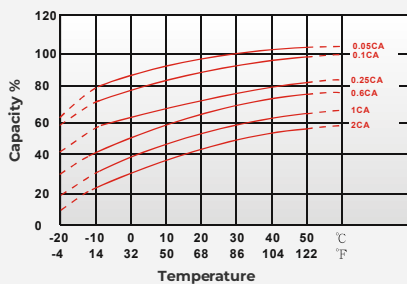
VRLA - AGM Battery

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.

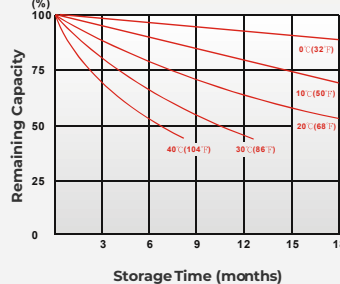
SPECIFICATIONS Design according with IEC60896, IEC61056

Nominal Voltage		12V	Standby use:	
Nominal Capacity			Float Charging Voltage	13.5 to 13.8V
20 hour rate	(1.3A to 10.50V)	26Ah	Coefficient-3.0mV /°C / cell	
10 hour rate	(2.47A to 10.50V)	24.7Ah	Operating Temperature Range	
5 hour rate	(4.42A to 10.20V)	22.1Ah	Charge	-15°C(5°F) to 40°C(104°F)
1 C	(26A to 9.60V)	13.87Ah	Discharge	-15°C(5°F) to 50°C(122°F)
3 C	(78A to 9.60V)	9.1Ah	Storage	-15°C(5°F) to 40°C(104°F)
Weight		8.0Kg (17.6lb)	Charge Retention (shelf life) at 20°C (68°F)	
Internal Resistance (at 1KHz)		11 mΩ	1 month	92%
Maximum Discharge Current for			3 month	90%
5 seconds		390A	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	M5 bolt
Coefficient -5.0mV/°C /cell			Torque Specifications	
Maximum Charging Current		7.8A	Recommended torque value	M5: 4 N-m (41kgf-cm)
			Maximum allowable torque value	M5: 6 N-m (62kgf-cm)

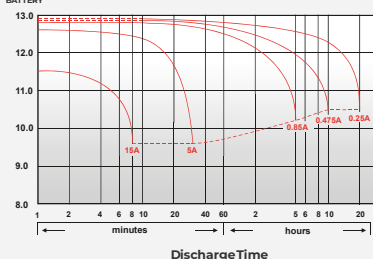
Effect of Temperature on Capacity 25 °C (77 °F)



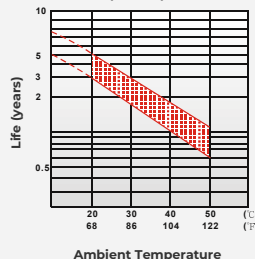
Capacity Retention Characteristic



FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



Trickle (or float) Service Life



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

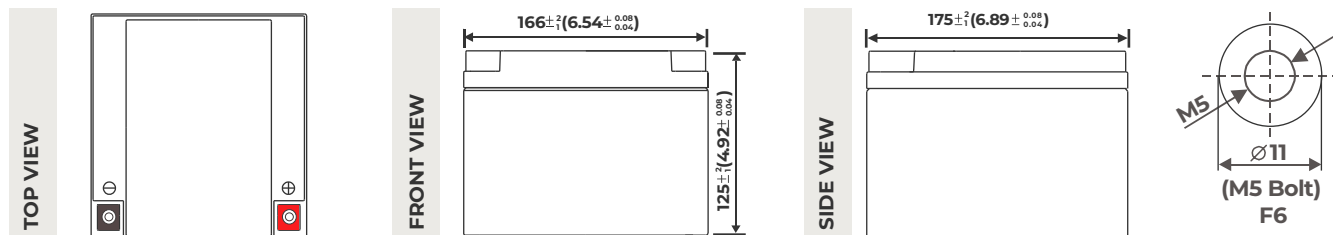


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DIMENSIONS mm (inch)



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	114	129	142	155	159	165	177
10 min	88.2	99.7	106	111	114	117	122
15 min	70.2	76.5	80.8	84.3	86.7	88.2	91.3
30 min	41	44.5	46.5	48	48.8	49.5	50.3
60 min	27	28.5	29.3	30	30.2	30.5	30.8
120 min	14.6	15.4	15.9	16.2	16.4	16.5	16.7
180 min	12.2	12.7	12.9	13.1	13.1	13.2	13.3
240 min	9.82	10.2	10.4	10.5	10.6	10.6	10.7
300 min	8.47	8.7	8.82	8.93	8.97	9.02	9.05
600 min	4.93	5.12	5.22	5.3	5.32	5.35	5.38
1200 min	2.53	2.62	2.68	2.73	2.75	2.77	2.78

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	70.2	82.3	90.7	96.1	98.3	101	105
10 min	45.8	50.4	54.6	58.8	60.5	62.4	65.6
15 min	37.9	41.1	43.7	46.2	47.3	48.2	49.8
30 min	20.8	23.2	24.7	25.6	26.2	26.9	27.7
60 min	14.5	15	15.3	15.5	15.6	15.7	15.8
120 min	7.65	7.96	8.08	8.19	8.22	8.26	8.31
180 min	6.21	6.41	6.5	6.53	6.55	6.58	6.62
240 min	4.97	5.07	5.14	5.2	5.22	5.25	5.28
300 min	4.22	4.35	4.4	4.44	4.45	4.47	4.49
600 min	2.48	2.56	2.6	2.61	2.62	2.63	2.64
1200 min	1.29	1.33	1.35	1.36	1.37	1.38	1.39

* Product specifications are subject to change without notice.

* US-V2510-Rev1.04

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