



OBS1226M5 (12V 26Ah)

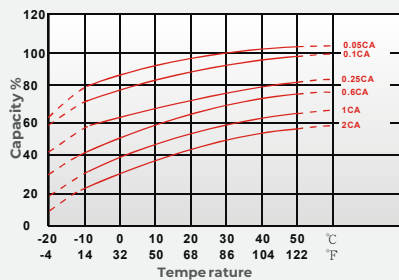
VRLA - AGM Battery

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.

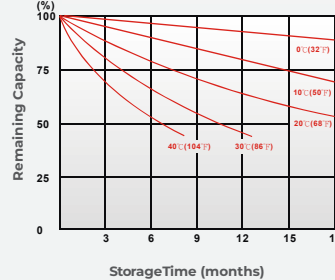
SPECIFICATIONS Design according with IEC60896, IEC61056

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)	14.73Ah	Discharge	-15°C(5°F) to 50°C(122°F)
3 C	(78A to 9.60V)	10.4Ah	Storage	-15°C(5°F) to 40°C(104°F)
Weight	9.3Kg (20.5lb)		Charge Retention (shelf life) at 20°C (68°C)	
Internal Resistance (at 1KHz)	9.5 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			Description of torque value of hard ware for the terminals:	
Maximum Charging Current	7.8A		Recommended torque value	M5: 5 N·m (51kgf·cm)
			Maximum allowable torque value	M5: 6 N·m (61kgf·cm) mm(inch)

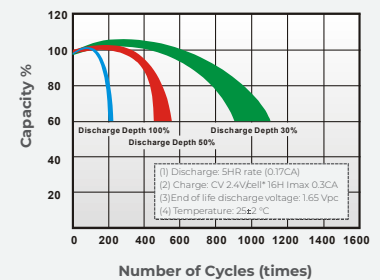
Effect of Temperature on Capacity 25°C (77°F)



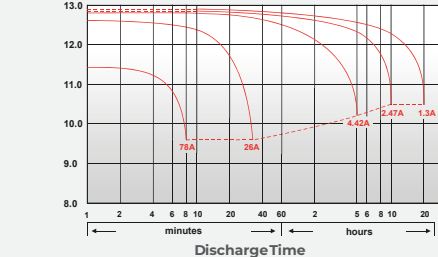
Capacity Retention Characteristic



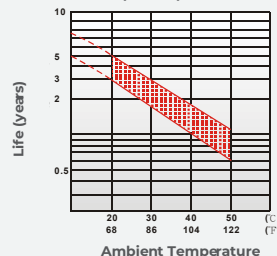
Cycle Service Life



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

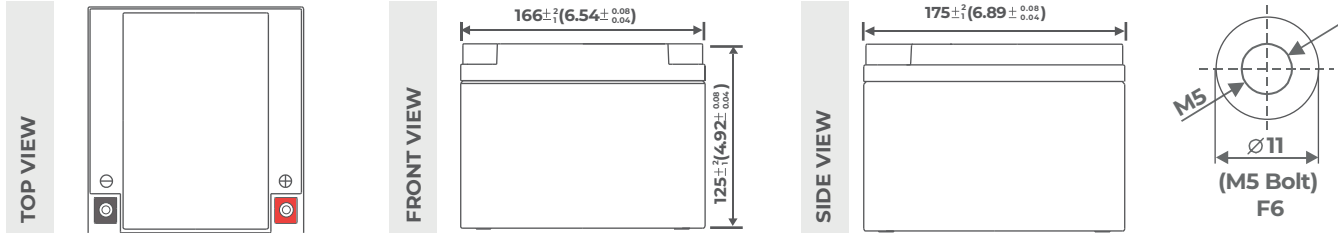


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DIMENSIONS



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	147	161	173	185	191	196	208
10 min	108	114	119	125	128	131	135
15 min	78.7	84.0	88.2	92.2	94.2	96.0	99.5
30 min	42.3	45.3	47.2	48.7	49.5	50.3	51.3
60 min	30.2	31.7	32.4	32.8	33.2	33.5	33.8
120 min	19.2	19.8	20.2	20.7	20.8	21.0	21.2
180 min	12.8	13.2	13.4	13.6	13.6	13.7	13.8
240 min	10.3	10.5	10.7	10.8	10.9	10.9	11.0
300 min	8.75	8.90	8.98	9.07	9.10	9.15	9.37
600 min	5.42	5.52	5.58	5.66	5.68	5.72	5.75
1200 min	2.62	2.69	2.74	2.78	2.8	2.82	2.83

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	78.9	92.9	103	109	111	113	115
10 min	55.6	62.1	64.2	68.2	70.4	72.3	75.7
15 min	40.8	46.4	49.8	52.6	54.3	54.9	56.2
30 min	21.4	23.8	25.2	26.5	27.2	27.8	28.8
60 min	15.3	16.1	16.5	16.9	17.1	17.3	17.5
120 min	9.34	9.72	9.87	10.0	10.1	10.2	10.3
180 min	6.45	6.63	6.72	6.83	6.87	6.92	6.99
240 min	5.48	5.61	5.69	5.76	5.79	5.84	5.91
300 min	4.77	4.86	4.93	5.00	5.02	5.05	5.08
600 min	2.55	2.61	2.65	2.69	2.71	2.74	2.77
1200 min	1.29	1.34	1.36	1.38	1.39	1.40	1.43

* Product specifications are subject to change without notice.
* US-V2007-REV3.01