



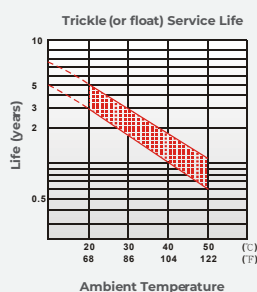
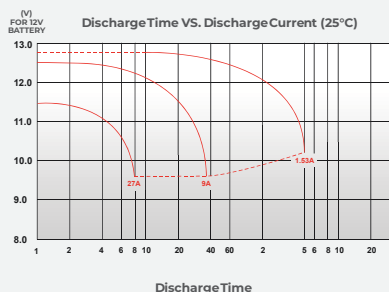
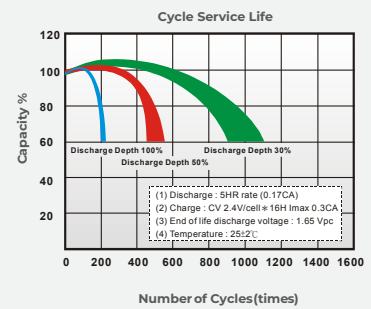
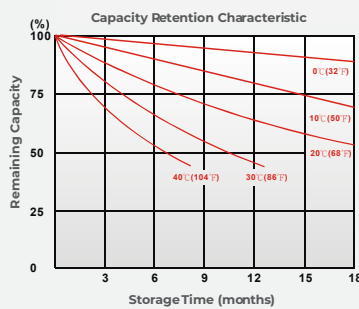
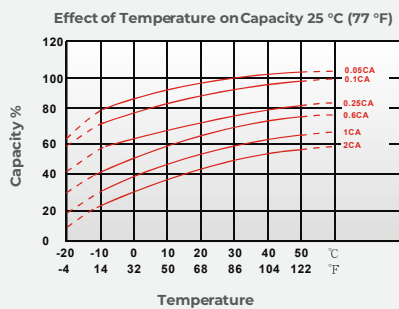
OBS129 (12V 9Ah)

VRLA - AGM Battery

OSONIX battery (pure lead) with AGM thin plate technology gives greather 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 Power			Float Charging Voltage 13.5 to 13.8V	
15 mins rate:		36W/cell to 1.60V/cell	Coefficient-3.0mV / °C / cell	
Nominal Capacity			Operating Temperature Range	
5 hour rate	(1.53A to 10.20V)	7.65Ah	Charge -15°C(5°F) to 40°C(104°F)	
1 C	(9A to 9.60V)	5.7Ah	Discharge -15°C(5°F) to 50°C(122°F)	
3 C	(27A to 9.60V)	3.6Ah	Storage -15°C(5°F) to 40°C(104°F)	
Weight		2.7kg(5.94Lb)	Charge Retention (shelf life) at 20°C (68°C)	
Internal Resistance (at 1KHz)		14 mΩ	1 month 92%	
Maximum Discharge Current for			3 month 90%	
5 seconds		135A	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		2.7A		



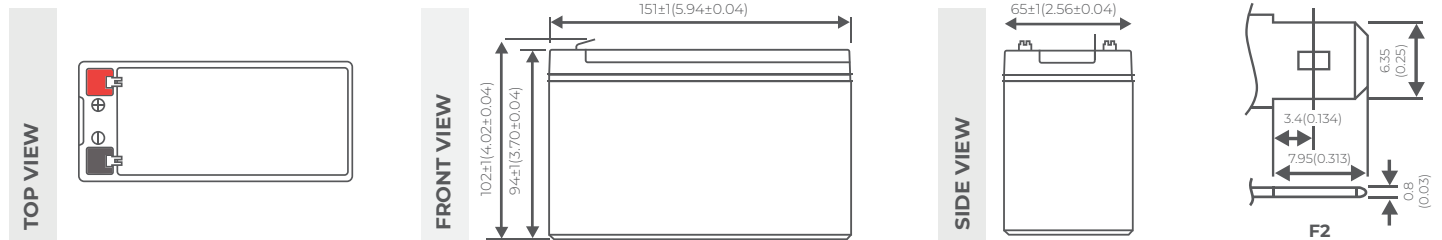
Compliance with:
IEC 60896, IEC 61056 standard
CE, UL1989, UL94 HB certification
ISO 9001, ISO 14001 certified production



OBS129 (12V 9Ah)

VRLA - AGM Battery

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	57.1	60.2	64.7	67.8	69.8	71.2	74.7
10 min	36.5	39.1	42.0	44.0	45.2	46.1	48.3
15 min	30.1	31.2	32.3	33.4	34.0	34.7	35.9
30 min	15.8	16.2	17.0	17.7	17.8	18.0	19.1
60 min	9.97	10.4	10.7	11.0	11.1	11.3	11.5
120 min	5.40	5.56	5.69	5.82	5.87	5.90	5.95
180 min	4.20	4.35	4.49	4.62	4.67	4.75	4.85
240 min	3.40	3.53	3.63	3.73	3.78	3.85	3.92
300 min	2.89	2.99	3.05	3.10	3.12	3.15	3.18
600 min	1.62	1.68	1.71	1.75	1.77	1.78	1.80
1200 min	0.853	0.882	0.902	0.907	0.910	0.913	0.918

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	30.4	32.6	35.0	36.7	37.4	38.5	40.3
10 min	19.1	20.4	21.9	22.9	23.4	24.1	25.2
15 min	14.3	14.9	15.8	16.5	16.8	17.3	18.0
30 min	8.09	8.45	8.93	9.35	9.54	9.77	10.2
60 min	5.17	5.29	5.37	5.45	5.48	5.52	5.57
120 min	2.63	2.72	2.78	2.84	2.86	2.89	2.93
180 min	2.12	2.18	2.23	2.27	2.29	2.31	2.34
240 min	1.69	1.74	1.77	1.80	1.81	1.82	1.83
300 min	1.46	1.51	1.53	1.55	1.56	1.57	1.58
600 min	0.827	0.841	0.855	0.866	0.871	0.877	0.884
1200 min	0.427	0.442	0.451	0.456	0.459	0.462	0.466

AUTHORIZED DEALER



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