



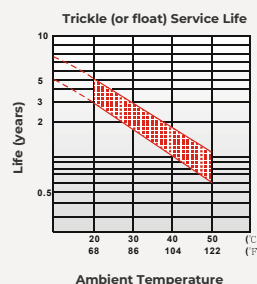
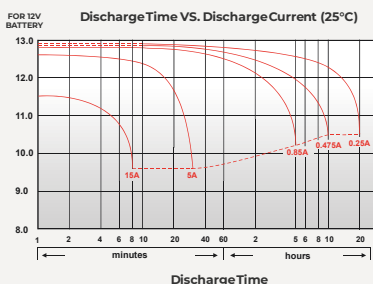
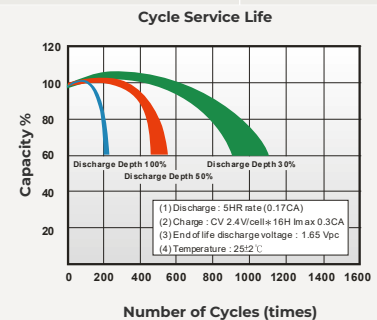
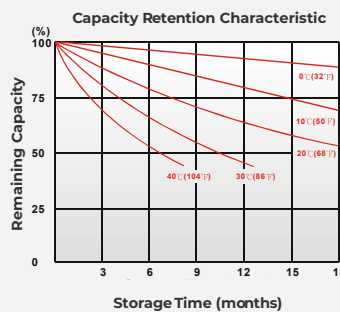
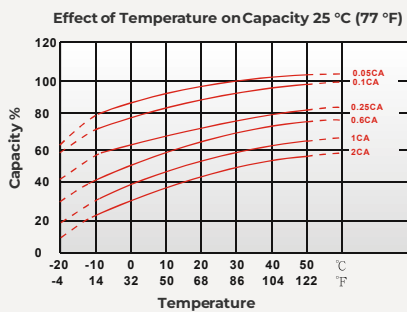
OBS1275 (12V 75Ah)

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
10 hour rate	(7.5A to 10.80V)	75Ah	Coefficient-3.0mV /°C / cell	
5 hour rate	(12.75A to 10.20V)	63.75Ah	Operating Temperature Range	
1 hour rate	(45A to 9.60V)	45Ah	Charge	-15°C(5°F) to 40°C(104°F)
1 C	(75A to 9.60V)	47.5Ah	Discharge	-15°C(5°F) to 50°C(122°F)
Weight	24.2Kg (53.24lb)		Storage	-15°C(5°F) to 40°C(104°F)
Internal Resistance (at 1KHz)	5 mΩ		Charge Retention (shelf life) at 20°C (68°F)	
Maximum Discharge Current for			1 month	98%
5 seconds	900A		3 month	94%
Charging Methods at 25°C (77°F)			6 month	85%
Cycle use:			Case material (comply with flame retardant)	ABS UL94 HB
Charging Voltage	14.4 to 15.0V		Design Life	12 Years.
Coefficient -5.0mV/°C /cell			Terminal	M6 bolt
Maximum Charging Current	22.5A		Torque Specifications	
			Recommended torque value	M6:7 N-m (71kgf-cm)
			Maximum allowable torque value	M6:10 N-m (102kgf-cm)



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

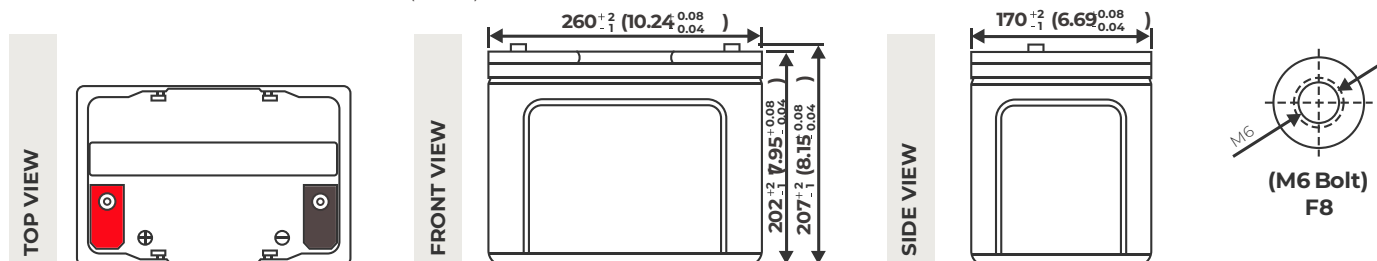


OBS1275 (12V 75Ah)

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	407	429	491	521	537	552	567
10 min	278	294	336	357	368	378	388
15 min	178	225	240	274	280	287	294
30 min	139	149	155	159	160	162	165
60 min	80.8	85.3	87.8	89.8	90.5	91.3	92.3
120 min	47.2	49.8	51.3	52.7	53.2	53.7	54.3
180 min	34.0	35.8	36.8	37.7	38.0	38.3	38.8
240 min	27.8	28.8	29.7	30.3	30.5	30.8	31.2
300 min	24.8	25.3	25.7	26.0	26.2	26.3	26.5
600 min	15.0	15.2	15.3	15.5	15.5	15.6	15.6
1200 min	7.85	7.97	8.07	8.15	8.20	8.23	8.28

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	178	214	245	272	281	292	304
10 min	112	143	167	186	192	199	207
15 min	90.5	109	124	138	141	145	150
30 min	63.2	72.6	79.4	84.5	85.6	87.2	89.0
60 min	38.6	41.5	43.3	44.8	45.3	45.9	46.7
120 min	20.2	22.4	23.9	25.0	25.4	25.8	26.3
180 min	15.8	17.4	18.4	19.3	19.6	20.0	20.4
240 min	12.9	13.9	14.7	15.3	15.6	15.9	16.2
300 min	11.8	12.6	13.1	13.4	13.6	13.8	14.1
600 min	7.53	7.62	7.69	7.74	7.76	7.81	7.85
1200 min	3.87	3.93	3.98	4.02	4.03	4.05	4.08

* Product specifications are subject to change without notice.

* US-V2510-Rev1.04

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