



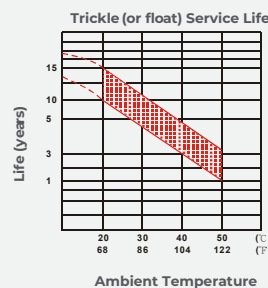
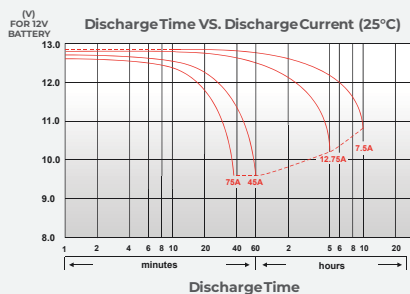
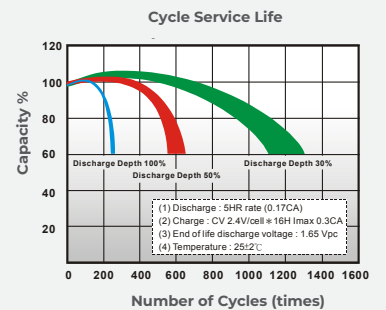
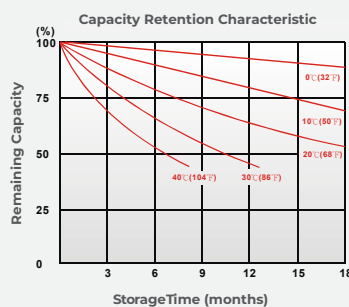
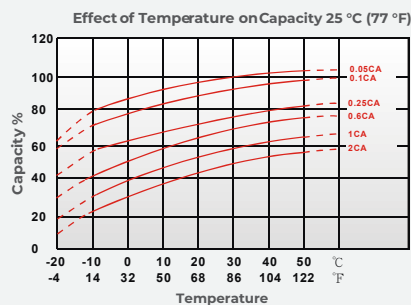
# OBS1275 (12V 75Ah)

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

<b>Nominal Voltage</b>		12V	<b>Standby use:</b>	
<b>Nominal Capacity</b>			<b>Float Charging Voltage</b>	13.5 to 13.8V
<b>10 hour rate</b>	(7.5A to 10.80V)	75Ah	<b>Coefficient-3.0mV /°C / cell</b>	
<b>5 hour rate</b>	(12.75A to 10.20V)	63.75Ah	<b>Operating Temperature Range</b>	
<b>1 hour rate</b>	(45A to 9.60V)	45Ah	<b>Charge</b>	-15°C(5°F) to 40°C(104°F)
<b>1 C</b>	(75A to 9.60V)	47.5Ah	<b>Discharge</b>	-15°C(5°F) to 50°C(122°F)
<b>Weight</b>	24.2Kg (53.24lb)		<b>Storage</b>	-15°C(5°F) to 40°C(104°F)
<b>Internal Resistance (at 1KHz)</b>	5 mΩ		<b>Charge Retention (shelf life) at 20°C (68°C)</b>	
<b>Maximum Discharge Current for</b>			<b>1 month</b>	98%
<b>5 seconds</b>	900A		<b>3 month</b>	94%
<b>Charging Methods at 25°C (77°F)</b>			<b>6 month</b>	85%
<b>Cycle use:</b>			<b>Case material (comply with flame retardant)</b>	ABS UL94 HB
<b>Charging Voltage</b>	14.4 to 15.0V		<b>Design Life</b>	12 Years.
<b>Coefficient -5.0mV/°C /cell</b>			<b>Terminal</b>	M6 bolt
<b>Maximum Charging Current</b>	22.5A		<b>Description of torque value of hard ware for the terminals:</b>	
			<b>Recommended torque value</b>	M6:7 N-m (71kgf-cm)
			<b>Maximum allowable torque value</b>	M6:9 N-m (92kgf-cm) mm(inch)



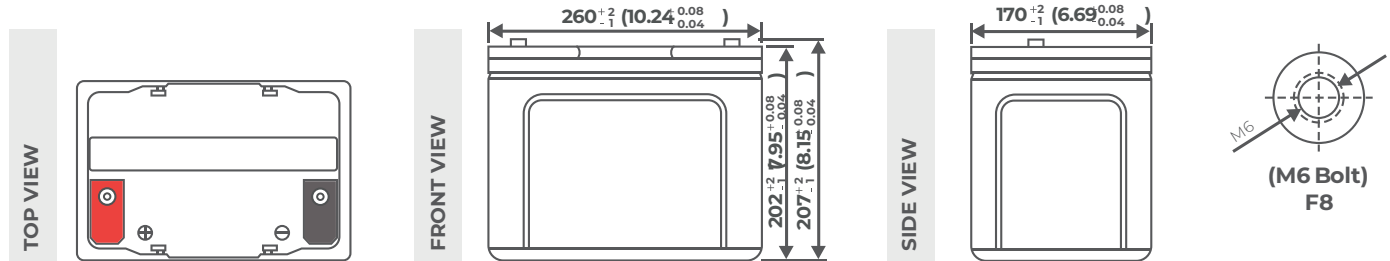
Compliance with:  
IEC 60896, IEC 61056 standard  
CE, UL1989, UL94 HB certification  
ISO 9001, ISO 14001 certified production



# OBS1275 (12V 75Ah)

VRLA - AGM Battery

## DIMENSIONS



## 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

AUTHORIZED DEALER



**Osonix**  
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