



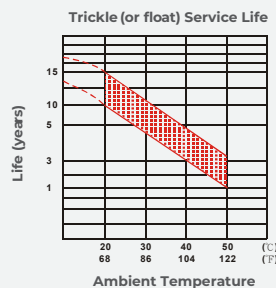
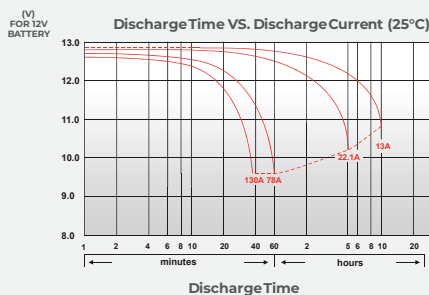
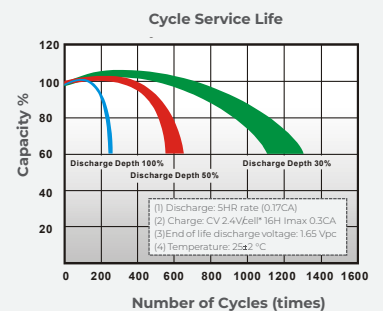
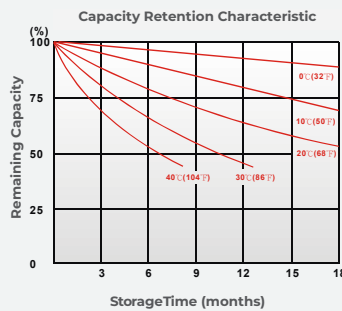
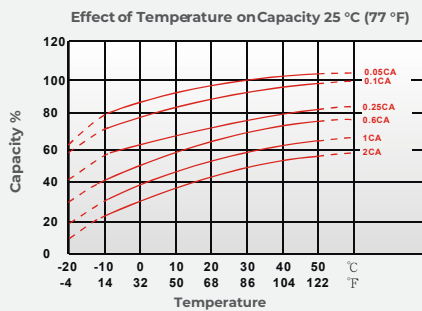
# OBS12130 (12V 130Ah)

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>	(13A to 10.80V)	130Ah	<b>Coefficient-3.0mV /°C / cell</b>	
<b>5 hour rate</b>	(22.1A to 10.20V)	110.5Ah	<b>Operating Temperature Range</b>	
<b>1 hour rate</b>	(78A to 9.60V)	78Ah	<b>Charge</b>	-15°C(5°F) to 40°C(104°F)
<b>1 C</b>	(130A to 9.60V)	82.33Ah	<b>Discharge</b>	-15°C(5°F) to 50°C(122°F)
<b>Weight</b>		43.0kg(94.6Lb)	<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>		1300A	<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>		39A	<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>	M6:10 N-m (102kgf-cm)



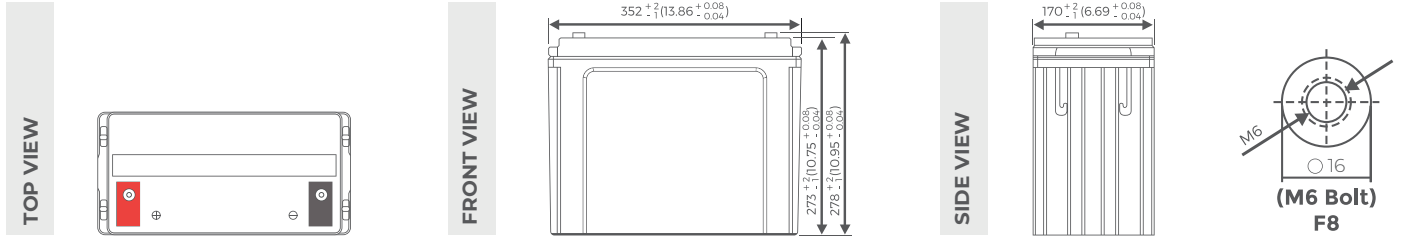
Compliance with:  
IEC 60896, IEC 61056 standard  
CE, UL1989, UL94 HB certification  
ISO 9001, ISO 14001 certified production



# OBS12130 (12V 130Ah)

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
10 min	409	470	495	518	528	539	559
15 min	345	364	389	408	415	423	435
30 min	223	257	261	271	275	278	283
60 min	143	149	155	159	160	161	163
120 min	82.0	85.2	88.2	90.7	91.7	92.8	94.5
180 min	62.7	65.0	67.3	69.2	70.0	71.0	72.3
240 min	48.7	51.7	53.5	55.0	55.5	56.2	57.2
300 min	42.3	44.7	46.2	47.3	47.7	48.2	48.8
600 min	24.3	25.3	26.0	26.7	26.8	27.2	27.5
1200 min	12.0	12.5	12.9	13.2	13.3	13.5	13.5

### 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
10 min	229	260	292	308	316	324	340
15 min	182	211	232	247	250	256	262
30 min	113	128	136	143	145	147	152
60 min	57.8	66.4	73.5	78.9	80.1	81.4	83.6
120 min	37.4	42.4	44.7	45.8	46.5	47.3	48.6
180 min	28.4	31.3	34.4	35.0	35.5	36.2	37.2
240 min	22.4	24.6	27.1	27.7	28.0	28.4	28.9
300 min	20.7	22.0	22.9	23.5	23.7	23.9	24.2
600 min	12.0	13.0	13.1	13.1	13.2	13.2	13.3
1200 min	6.00	6.50	6.57	6.63	6.70	6.74	6.78

\* Product specifications are subject to change without notice.  
\* US-V2007-REV3.02



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