



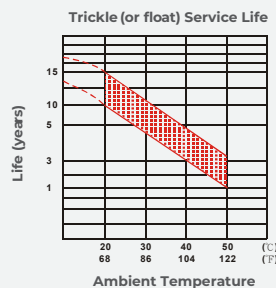
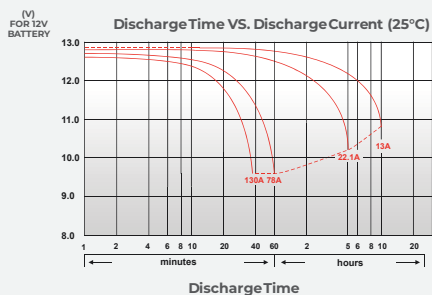
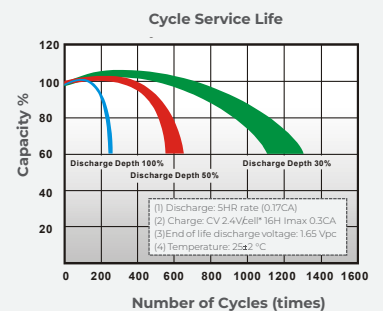
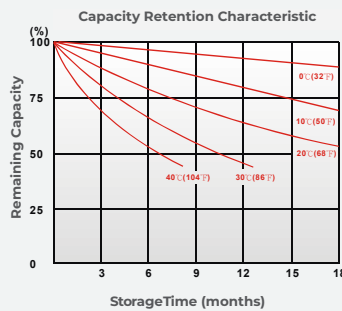
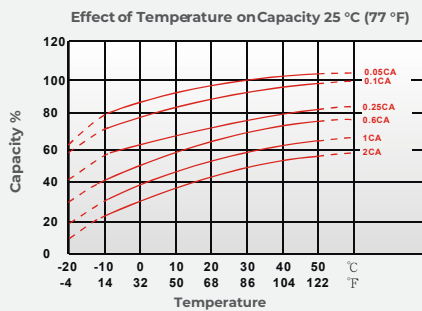
OBS12130 (12V 130Ah)

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

Nominal Voltage		12V	Standby use:	
Nominal Capacity			Float Charging Voltage	13.5 to 13.8V
10 hour rate	(13A to 10.80V)	130Ah	Coefficient-3.0mV /°C / cell	
5 hour rate	(22.1A to 10.20V)	110.5Ah	Operating Temperature Range	
1 hour rate	(78A to 9.60V)	78Ah	Charge	-15°C(5°F) to 40°C(104°F)
1 C	(130A to 9.60V)	82.33Ah	Discharge	-15°C(5°F) to 50°C(122°F)
Weight		43.0kg(94.6Lb)	Storage	-15°C(5°F) to 40°C(104°F)
Internal Resistance (at 1KHz)		5 mΩ	Charge Retention (shelf life) at 20°C (68°C)	
Maximum Discharge Current for			1 month	98%
5 seconds		1300A	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		39A	Description of torque value of hard ware for the terminals:	
			Recommended torque value	M6:7 N-m (71kgf-cm)
			Maximum allowable torque value	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

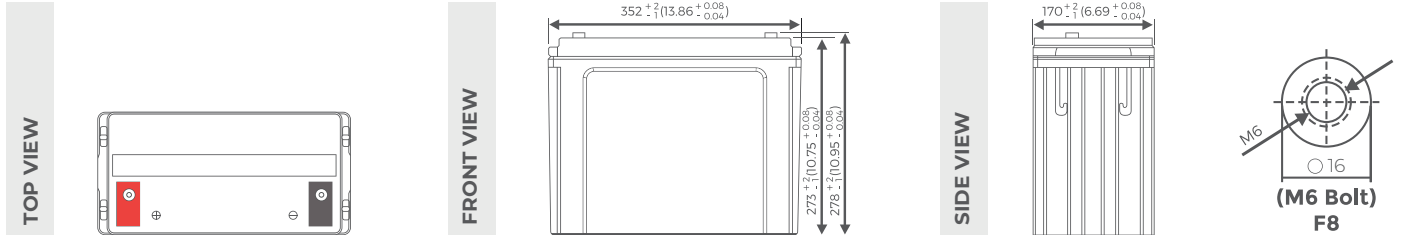


OBS12130 (12V 130Ah)

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
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-REV3.01