



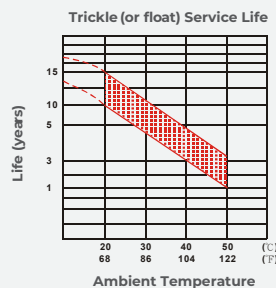
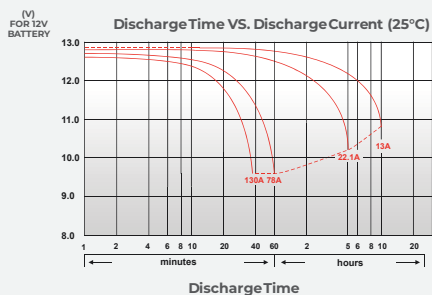
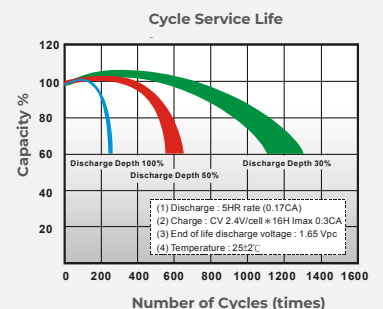
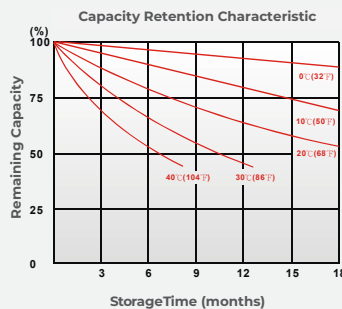
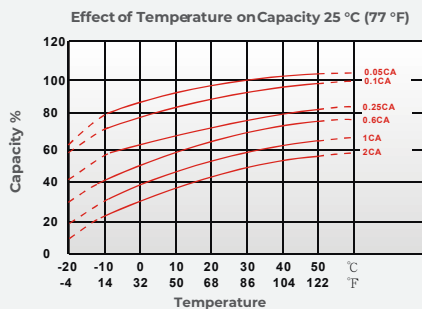
OBS12130 (12V 130Ah)

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) |



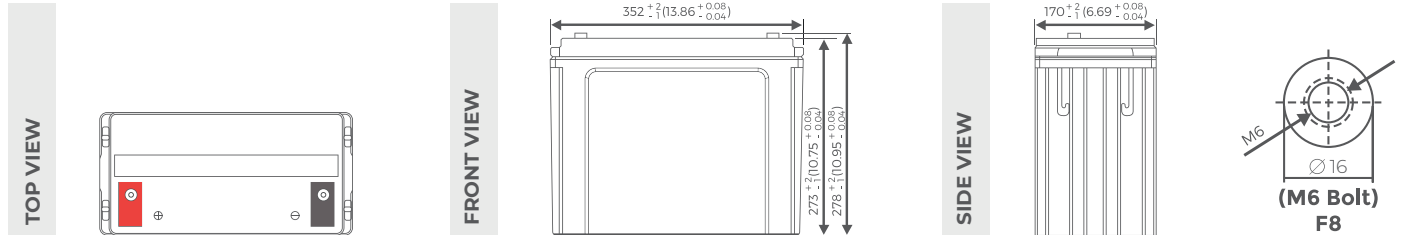
Compliance with:
IEC 60896, IEC 61056 standard
CE, UL1989, UL94 HB certification
ISO 9001, ISO 14001 certified production



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 |

AUTHORIZED DEALER



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