

FLOODED DEEP CYCLE BATTERY

2 OS 33P



| | | | |
|-------------------|--|-------------|---------|
| Series | 5000 | Warranty | 5 Years |
| Volts | 2 | BCI | SPEC |
| Cells | 1 | Plates/Cell | 33 |
| Terminal Type | Flag | | |
| Included Hardware | S/S Hex Cap Screw, Nut, Lock & Flat Washer | | |
| Size & Thread | 5/16"-18 | | |

Charge

| | |
|----------------------|---------------------------------|
| Charge Voltage Range | 2.45-2.5 V/cell @ 25°C (77°F) |
| Float Voltage Range | 2.25 V/cell @ 25°C (77°F) |
| Self-Discharge Rate | 5%-10% per month at 25°C (77°F) |

Capacity

| | |
|------------------------------------|--------------|
| Cold Crank Amps (CCA) 0°F / -18°C | 4536 |
| Marine Crank Amps (MCA) 32°F / 0°C | 5670 |
| Reserve Capacity (RC @ 25A) | 4692 Minutes |
| Reserve Capacity (RC @ 75A) | 1564 Minutes |

| Capacity Affect by Temperature | 40°C (104°F) | 25°C (77°F) | 0°C (32°F) | -15°C (5°F) |
|--------------------------------|--------------|-------------|------------|-------------|
| | 105% | 100% | 75% | 50% |

| Hour Rate | Capacity / AMP Hour | Current / AMPS |
|-----------------|---------------------|-----------------|
| @ 100 Hour Rate | 2522 AH | 25.22 A |
| @ 72 Hour Rate | 2385 AH | 33.13 A |
| @ 50 Hour Rate | 2258 AH | 45.17 A |
| @ 20 Hour Rate | 1955 AH | 97.76 A |
| @ 15 Hour Rate | 1818 AH | 121.22 A |
| @ 10 Hour Rate | 1740 AH | 174.01 A |
| @ 8 Hour Rate | 1681 AH | 210.18 A |
| @ 5 Hour Rate | 1564 AH | 312.83 A |
| @ 1 Hour Rate | 880 AH | 879.84 A |

Ampere hour capacity ratings based on specific gravity of 1.280 at 27°C (80°F). Reduce capacities 5% for specific gravity of 1.265 and 10% for 1.250.

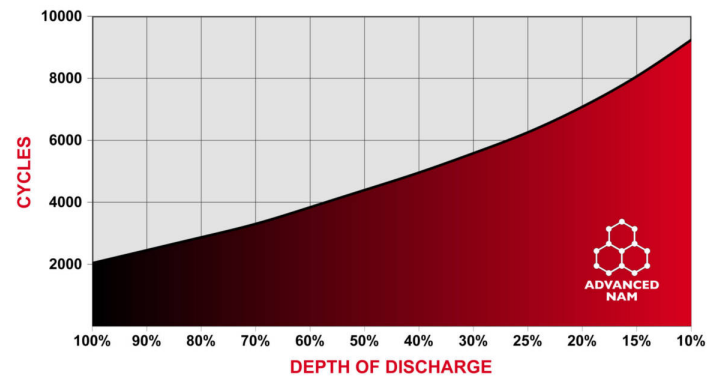
Specifications

| | | | |
|--|-------------------|----------|-----------|
| | Weight | 100.5 kg | 221.5 lbs |
| | Length | 39.2 cm | 15.44" |
| | Width | 21.1 cm | 8.31" |
| | Height Inc. Term. | 63 cm | 24.81" |

Product measurements & weights are calculated based on sample data. Individual specifications are subject to vary due to the manufacturing process, battery components & electrolyte levels.

| | | |
|---------------------|---|-------|
| Electrolyte Reserve | 95 mm | 3.75" |
| Container (Inner) | Polypropylene | |
| Cover (Inner) | Polypropylene - heat sealed to inner container | |
| Container (Outer) | High Density Polyethylene | |
| Cover (Outer) | High Density Polyethylene snap fit to outer container | |
| Handles | Molded | |

Cycle Life vs. Depth of Discharge



Voltage vs. Depth of Discharge

| DISCHARGE | 0% | 25% | 50% | 75% | 100% |
|---------------|--------|--------|--------|--------|--------|
| 20 HR AH RATE | 2.10 V | 2.05 V | 2.02 V | 1.96 V | 1.75 V |
| 6 HR AH RATE | 2.10 V | 2.04 V | 2.00 V | 1.95 V | 1.75 V |
| 1 HR AH RATE | 2.10 V | 2.03 V | 1.99 V | 1.94 V | 1.75 V |

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