THE RIGHT BATTERY FOR THE TOUGHEST JOBS

ODYSSEY® BATTERY

MAGNACHARGE BATTERY SINCE 1964

# The battery your whole town can depend on for any job

Thanks to rising gas prices, municipalities often must choose between reducing the number of vehicles in their fleets, or instructing drivers to shut engines off and draw power for critical auxiliary accessories from the battery. Unfortunately, such frequent deep discharges will shorten the life of conventional batteries, so any gas savings are offset by more frequent battery replacement costs.

The answer is the revolutionary ODYSSEY® battery. Thanks to its unique Thin Plate Pure Lead (TPPL) technology design and massive deep cycling capability, this virtually maintenance-free, sealed battery has the reserve power to run on-board accessories without turning the engine off, and without shortening battery life.

For applications in rugged or extreme environments, the ODYSSEY® Extreme Series™ battery can handle the highest "key-off" accessory loads and still provide reliable engine starts.

For less demanding applications, the ODYSSEY® Performance Series™ battery is optimized for engine starts and delivers all of the benefits of TPPL technology.


## MILITARY GRADE PLATE DESIGN

Made from 99% pure lead and built to stand up to the harshest environments. ODYSSEY batteries offer slower self discharge, less corrosion and faster recharging.

## VIBRATION RESISTANCE

Protection against high impact shock and vibration that cause premature battery failure.

## EXTREME TEMPERATURE TOLERANCE

Operating temperatures from:
-40°F (-40°C) to 140°F (60°C) – Performance™ Series
-40°F (-40°C) to 176°F (80°C) – Extreme™ Series

## LONGER SERVICE LIFE

3 to 5 times longer than conventional batteries.

www.MAGNACHARGE.com

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# ODYSSEY® Extreme Series™ battery

| Battery Type | | Voltage | Pulse Current (5 Sec.) | Cold Cranking Amps (CCA) | Reserve Capacity Minutes | Length inches (mm) | Width inches (mm) | Height inches (mm) Terminal Included | Weight lbs (kg) |
|---|---|---|---|---|---|---|---|---|---|
| **34-PC1500** |  | 12 | 1500 | 850 | 135 | 10.86 (275.8) | 6.77 (172.0) | 7.94 (201.7) | 49.5 (22.4) |
| **34R-PC1500** |  | 12 | 1500 | 850 | 135 | 10.86 (275.8) | 6.77 (172.0) | 7.94 (201.7) | 49.5 (22.4) |
| **65-PC1750** |  | 12 | 1750 | 950 | 145 | 11.84 (300.7) | 7.19 (182.6) | 7.49 (190.2) | 54.0 (24.5) |
| **31-PC2150** |  | 12 | 2150 | 1150 | 205 | 13.07 (332.0) | 6.91 (175.5) | 9.70 (246.4) | 77.8 (35.3) |

| | |
|---|---|
| **Capacity Range** | 68-100 Ah |
| **Construction** | Thin Plate Pure Lead (TPPL) Absorbent Glass Mat (AGM) |
| **Case Material** | Polycarbonate Blend* |
| **Terminals** | Tin-Coated Brass** |
| **Top Lead Style** | Over-the-wall*** |
| **Warranty** | Limited 4-year replacement period; 2-year in APU applications |

*Polycarbonate Blend - Stronger for more rugged environment
**Tin-Coated Brass - Provides higher conductivity for higher capacity, as compared to solid lead
***Over-the-wall - Offers lower resistance for higher capacity, as compared to through-the-wall type

# ODYSSEY® Performance Series™ battery

| Battery Type | | Voltage | Pulse Current (5 Sec.) | Cold Cranking Amps (CCA) | Reserve Capacity Minutes | Length inches (mm) | Width inches (mm) | Height inches (mm) Terminal Included | Weight lbs (kg) |
|---|---|---|---|---|---|---|---|---|---|
| **34-790** |  | 12 | 1500 | 792 | 124 | 10.85 (275.6) | 6.78 (172.2) | 7.91 (200.9) | 46.6 (21.1) |
| **48-720** |  | 12 | 1250 | 723 | 130 | 10.91 (277.1) | 6.89 (174.2) | 7.50 (190.5) | 48.0 (21.8) |
| **65-760** |  | 12 | 1500 | 762 | 129 | 11.86 (301.2) | 7.19 (182.6) | 7.57 (192.3) | 49.8 (22.6) |
| **31-925** |  | 12 | 1750 | 925 | 200 | 13.0 (330.2) | 6.78 (172.2) | 9.60 (243.8) | 70.1 (31.8) |
| **49-950** |  | 12 | 1700 | 950 | 160 | 13.87 (352.3) | 6.85 (174.0) | 7.47 (189.7) | 62.8 (28.5) |
| **94R-850** |  | 12 | 1500 | 850 | 150 | 12.36 (313.9) | 6.85 (174.0) | 7.47 (189.7) | 54.8 (24.9) |
| **4D-1300** |  | 12 | 2400 | 1300 | 370 | 20.39 (518.0) | 8.78 (223.0) | 8.58 (218.0) | 117.3 (53.3) |
| **8D-1500** |  | 12 | 2700 | 1500 | 475 | 20.39 (518.0) | 10.87 (276.0) | 8.86 (225.0) | 143.0 (65.0) |

| | |
|---|---|
| **Capacity Range** | 61-220 Ah |
| **Construction** | Thin Plate Pure Lead (TPPL) Absorbent Glass Mat (AGM) |
| **Case Material** | Polypropylene |
| **Terminals** | Solid Lead |
| **Top Lead Style** | Through-the-wall |
| **Warranty** | Limited 3-year replacement period; 2-year in APU applications |

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