

## Performance Series Battery



Designed to handle the increased use of onboard accessories in today's vehicles, The Performance Series batteries combine long service life, high reliability and deep cycle capabilities. The Performance Series batteries provide all the reliability of the ODYSSEY Extreme Series™ batteries.

### Lead Power

This battery contains flat plates made of 99.99% pure lead – not lead alloy, like many conventional batteries. Pure lead plates can be made thinner, so we can fit more of them in the battery. More Battery plates mean more plate surface area, which means more power when you need it.

This extreme combination of power and performance makes the Performance Series Batteries perfect for a range of applications, including automotive/LTV, marine, commercial, and powersports.

### Powerful Performance for Commercial Trucks

With Today's no idling laws, trucks & commercial vehicles need a battery that can keep everything in the cab running when the engine isn't. ODYSSEY Performance Series batteries can power a range of on-board accessories and still deliver reliable starts. Unlike many batteries, they are designed for severe deep discharge.

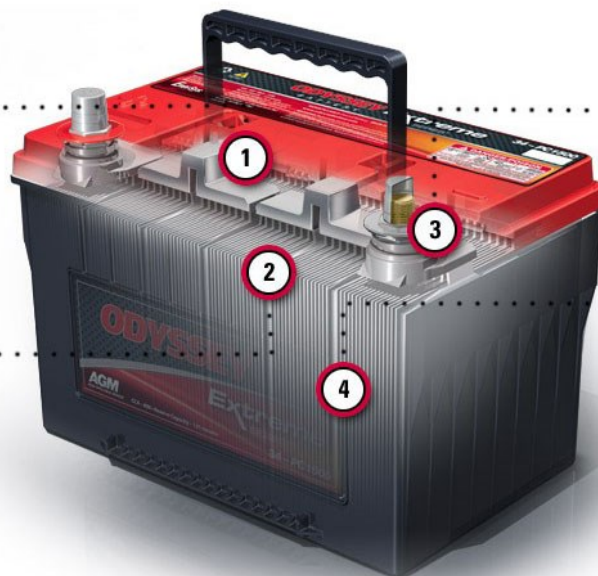
1

#### Robust Intercell Connections

are cast to the plates and bonded to resist vibration and eliminate internal sparking

2

**99.99% Pure Lead Plates** are extremely thin, so more of them fit in the battery. More plates = more power



3

#### Tin Alloy Coated Brass Terminals

ensure secure, corrosion-free cable connections

4

#### Compressed AGM Plate Separators

deliver extreme vibration resistance and prevent spills, even when battery is installed sideways

## Performance Series Battery

	Performance Series Batteries	Conventional Batteries
<b>DESIGN LIFE</b>	8-12 years (Float) @ 77F (25C)	5 years
<b>SERVICE LIFE</b>	3 to 10 years	1 to 5 years
<b>ELECTROLYTE</b>	Drycell ("Starved electrolyte ") no external leakage or corrosion	Most are acid flooded (causing acid burns and spills); some wet sealed of "gelled"
<b>STORAGE LIFE</b>	2 Years before needing charge @ 77F (25C)	6-12 weekends before needing charge
<b>SHIPPING</b>	Air transportable; US Department of Transportation classified non-spillable (loess expensive)	Ground transport; classified as hazardous material (more expensive)
<b>END OF LIFE</b>	Battery slowly loses power at the end of life; no catastrophic failure	Immediate and catastrophic loss of power (can leave you stranded)

### Specifications

MODEL	Voltage	PHCA** (5 sec)	CCA*	HCA	MCA	Nominal Capacity 20Hr Rate -Ah)	Nominal Capacity (10Hr Rate-Ah)	Reserve Capacity Minutes
8D-1500	12	2700	1500	2015	1787	220	198	475
Length Inches	Width Inches	Height Inches	Weight Lbs	Terminal	Torque Specs in Lb (Nm Max)	Internal Resistance	Short Circuit Current	
20.39 (286)	10.87 (269)	8.86 (233.0)	143	SAE	60 (6.8)	N/A	N/A	

### Terminal Layouts

