

### Longer service life

Forget replacing batteries every year. With 3-10 years of service life, ODYSSEY® Extreme Series™ Trolling Thunder®/Marine Dual Purpose batteries save consumers time, money, and aggravation.

### Longer cycle life

70% longer cycle life compared to conventional deep cycle batteries — up to 400 cycles at 80% depth of discharge — high stable voltage for longer periods of time.

### Longer shelf life

Can be stored on open circuit (nothing connected to the terminals) without the need for recharging up to 2 years or 12.00V, whichever occurs first.

### Faster recharge

The highest recharge efficiency of any sealed lead battery on the market — capable of 100% recharge in 4 - 6 hours.

### Mounting flexibility

Non-spillable design — can be mounted on any side in any position except inverted. Takes up less space in the boat than competitors.

### Vibration resistance

Design protects against high impact shock and mechanical vibration — a common cause of premature battery failure.

### Extreme temperature tolerant

Operating temperatures from -40°F (-40°C) to 176°F (80°C) for the 34M-PC1500 and 31M-PC2150. No need to winterize this unit — leave it in the boat!

### Totally maintenance free

No need to add water, ever!

### Improved safety

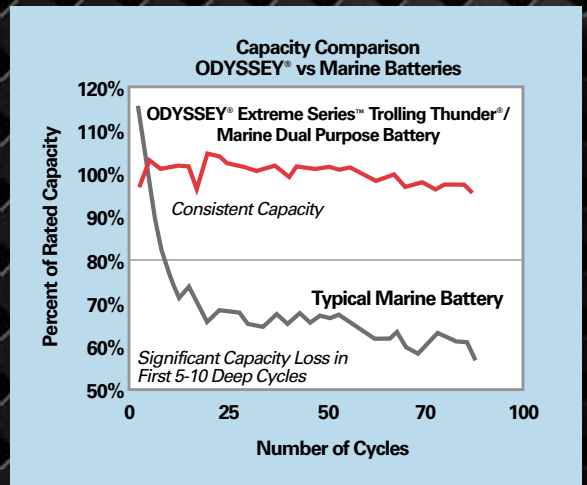
US Department of Transportation classified as a 'non-spillable' battery. No acid spills, no escaping gases. Drycell design with resealable venting system.

### Superior to spirals

Compressed flat plates eliminate wasted space — 15% more plate surface area and up to 40% more reserve capacity than popular "six-pack" AGM batteries.

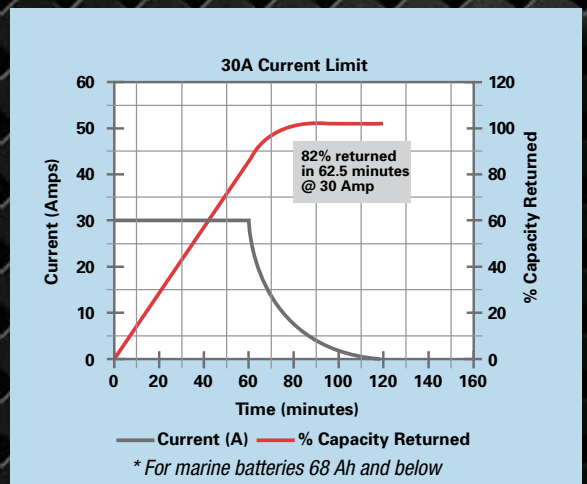
### Better warranty

Limited 3- and 4-year full replacement warranty — not pro rata.



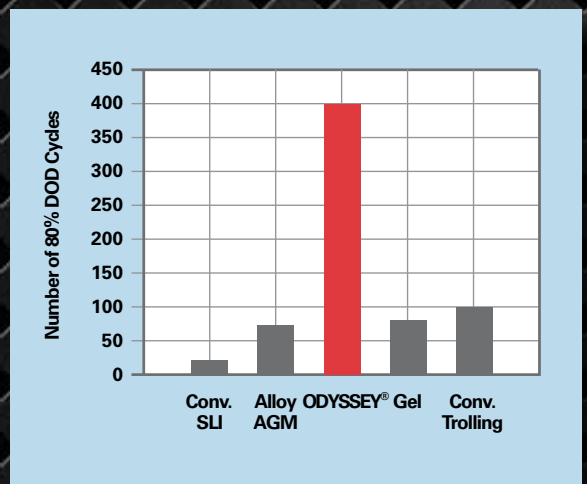
### Consistent Power

ODYSSEY® Extreme Series™ batteries maintain consistently high voltage over a long cycle life.



### Fast Recovery

ODYSSEY® Extreme Series™ batteries recharge faster and more fully than conventional marine batteries.



### Long Cycle Life

ODYSSEY® Extreme Series™ batteries routinely deliver up to 400 deep cycle (80%) discharges.



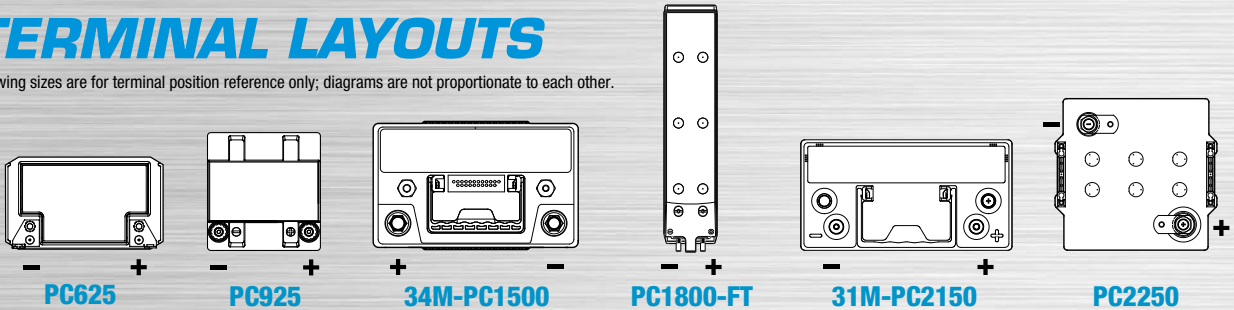
**Optional height adapter** may be used on the 34M-PC1500 for installations where a group 24 or group 27 is required. Snap the adapter securely into place on the bottom of the 34M-PC1500 battery. In some installations, a 34M-PC1500 with this adapter may be used to replace a group 24F or 27F depending on required cable length.

### ODYSSEY® EXTREME SERIES™ BATTERY TECHNOLOGY COMPARISON

	ODYSSEY® EXTREME SERIES™ BATTERIES	CONVENTIONAL BATTERIES
<b>DESIGN LIFE</b>	8-12 years (Float) @ 77° F (25° C)	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 or "gelled"
<b>STORAGE LIFE</b>	2 years before needing charge @ 77° F (25° C)	6-12 weeks before needing charge
<b>SHIPPING</b>	Air transportable; US Department of Transportation classified non-spillable (less expensive)	Ground transport; classified as hazardous material (more expensive)
<b>END OF LIFE</b>	Battery slowly loses power at end of life; no catastrophic failure	Immediate and catastrophic loss of power (can leave you stranded)

## TERMINAL LAYOUTS

Drawing sizes are for terminal position reference only; diagrams are not proportionate to each other.



MODEL	Voltage	PHCA** (5 sec)	CCA*	HCA	MCA	Nominal Capacity		Reserve Capacity Minutes	Length inches (mm)	Width inches (mm)	Height inches (mm)	Weight lbs (kg)	Terminal	Torque Specs in-lbs (Nm max)	Internal Resistance (mΩ)	Short Circuit Current
						(20 Hr Rate-Ah)	(10 Hr Rate-Ah)									
PC625	12	530	200	420	340	18	17	27	6.70 (170.2)	3.90 (99.1)	6.89 (175.0)	13.2 (6.0)	M6 Receptacle	40 (4.5)	7	1800A
PC925	12	900	330	610	480	28	27	48	6.64 (168.6)	7.05 (179.0)	5.04 (128.0)	26.0 (11.8)	M6 Receptacle <sup>1</sup> or SAE 3/8" Receptacle	60 (6.8)	5	2400A
34M-PC1500	12	1500	850	1250	1050	68	62	135	10.85 (275.6)	6.76 (171.7)	7.95 (201.9)	49.5 (22.4)	SAE and 3/8" Stud (Pos.) 5/16" Stud (Neg.)	60 (6.8)	2.5	3100A
PC1800-FT	12	1800	1300	1600	1450	214	190	475	22.75 (577.9)	4.9 (125.0)	12.44 (316.0)	132.3 (60.0)	3/8" Stud	80 (9.0)	3.3	3800A
31M-PC2150	12	2150	1150	1545	1370	100	92	205	13.00 (330.2)	6.80 (172.7)	9.41 (239.0)	77.8 (35.3)	SAE and 3/8" Stud (Pos.) 5/16" Stud (Neg.)	150-220 (16.9-22.6)	2.2	5000A
PC2250	12	2250	1225	1730	1550	126	114	240	11.26 (286.0)	10.59 (269.0)	9.17 (233.0)	86.0 (39.0)	SAE Terminal and 3/8" Stud	100 (11.0) for 3/8" Stud Only	2.1	5000A

\* Cold Start Performance S.A.E J537 JUNE 82

\*\*Pulse Current

Operating temperature range:

-40°F (-40°C) to 113°F (45°C) for PC625 and PC925

-40°F (-40°C) to 176°F (80°C) for 34M-PC1500 and 31M-PC2150

-22°F (-30°C) to 104°F (40°C) for PC2250

-40°F (-40°C) to 122°F (50°C) for PC1800-FT

#### Constant voltage portable charger parameters:

Standby, per 12V battery

13.5-13.8V no current limit required

Cyclic, per 12V battery (16-hour recharge)

14.4-14.8V no current limit required

Typical deep-cycle life at 77°F (25°C) at a 5-hour rate

400 cycles at 80% DOD

Typical service life at 77°F (25°C)

Medium to heavy duty usage – 3+ years  
Light duty usage – 5+ years