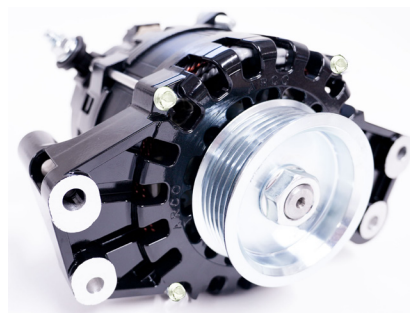
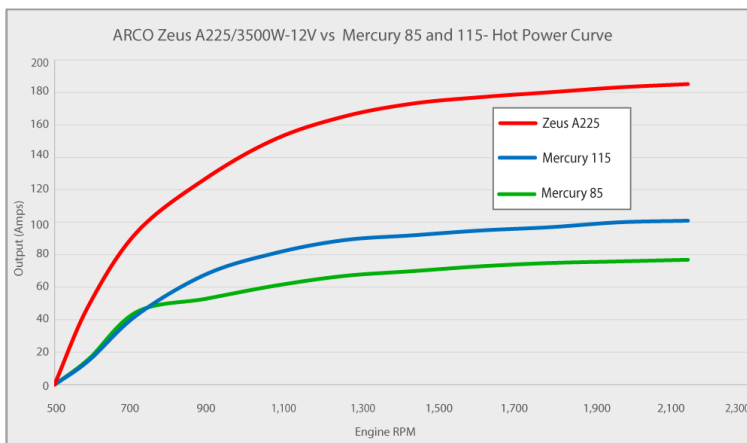


ARCO Zeus A225/3500W-12V High Output Outboard Engineered Alternator Kit

Finally outboard boats can charge their batteries & power high-draw applications, without a generator.

BENEFITS

- Designed high-draw applications such as stabilizers, air conditioners, water/ice makers, trolling motors and more
- Delivers 2 to 3x faster charge times vs OEM units (see graph below for real-world performance)
- Supports high continuous current draw
- Batteries continue charging even at low engine speeds (idle)
- Enables efficient charging without dedicated engine or generator runtime



SPECIFICATIONS

Voltage	12V
Field Type	P
Rotor Poles	16
Weight	14.9 lb (6.7 kg)
Regulation	Internal/ Ex-ternal (IE) and External (EX)
Battery Sense Harness	Included
Alternator Fuse Link	Included
Alternator Belt	Included
Cut-In Alternator RPM	1,288
Maximum Alt RPM	19,000
Side Mount Battery Post	M8 Thread
Standard Pulley	K6 75 mm
Shaft Diameter	.66 in (17 mm)
Avalanche Diodes	50 amps
Max Output (Cold)	254 amps
Sustained Cruising Output (Hot, 4,000 RPM)	187 amps
Sustained Idle Output (Hot, 700 RPM)	95 amps
Max Continuous Operating Temperature	100 degrees C

ARCO PART #	DESCRIPTION
40471	12V A225, 85/115 Mount, Side Mount Battery Post, Internal/ Externally Regulated, Case Ground, 75 mm K6 Pulley - Includes fusible link wire and belt
40481	12V A225, 85/115 Mount, Side Mount Battery Post, Externally Regulated, Case Ground, 75 mm K6 Pulley - Includes fusible link wire and belt

DATA-010 REV-B 6/17/2026 These alternators are advertised under ARCO Marine. These are not made by Mercury or any Mercury affiliation.

Applies to engines below from 2018 - present.

HP	ENGINE SIZE	MODEL	STOCK ALTERNATOR	AMPS	OPTION ALTERNATOR	AMPS
500R	V8 / 4.6L	Racing	8M0205478	115	-	-
450R	V8 / 4.6L	Racing	8M0142249	115	-	-
360	V8 / 4.6L	APX	8M0142248	85	-	-
300R	V8 / 4.6L	Racing	8M0142248	85	8M0176702	115
300R	V8 / 4.6L	AMS Racing	8M0142249	115	-	-
300	V8 / 4.6L	Pro XS	8M0142248	85	8M0176702	115
300	V8 / 4.6L	SeaPro / Verado	8M0142248 / 8M0142249	85 / 115	8M0176702	115
250R	V8 / 4.6L	Racing	8M0142248	85	8M0176702	115
250	V8 / 4.6L	Pro XS / SeaPro / Verado	8M0142248 / 8M0142249	85 / 115	8M0176702	115
225	V8 / 4.6L or V6 / 3.4L	Pro XS / Sea-Pro	8M0142248	85	8M0176702	115
200	V6 / 3.4L or V8 / 4.6L	APX / Pro XS / SeaPro	8M0142248 / 8M0205479	85	8M0176702	115
175	V6 / 3.4L	Pro XS	8M0142248	85	8M0176702	115
150R	V6 / 3.4L	Racing	8M0205479	85	8M0176702	115