

PLANE POWER LIGHTWEIGHT ALTERNATORS



Plane-Power Lightweight Alternators are designed exclusively for aviation applications and constructed using only new, aviation-grade components. By maintaining higher quality standards and tighter tolerances, plane-power ensures improved performance, increased reliability and longer service than traditional OEM alternator solutions without the undesirable performance, weight and expense of conventional (heavyweight) OEM aircraft alternators. Plane-Power alternators are manufactured in Granbury, Texas by fellow aircraft owners and pilots who understand the importance of quality, value and simplicity desired by today's aircraft owners. Plane-Power alternators are available through dealers and FBO's worldwide. All Plane-Power alternators are warranted against failure in components and workmanship for a period of 2 years from the date of purchase. Finally Choice, Finally Plane-Power.



PMA APPROVED ALTERNATOR REPLACEMENTS

Plane-Power Certified Alternators are PMA certified to replace any existing alternator in the aircraft and engine applications listed below. No STC paperwork required. Alternators ship complete with all hardware and brackets necessary for pain free installation. All Plane-Power PMA alternators produce up to 70 amps. Your airframe/application may use only a portion of the available output as limited by the aircraft electrical system components and design. Every Plane-Power alternator is tested to exceed all quality and performance specifications. Plane-Power PowerFlex Voltage Regulators are also available separately.

Model	Part No.	Price
AL12-F60	12-00998	.
AL24-F60	12-00999	.
AL12-F60C	12-01256	.
AL24-F60C	12-01257	.
AL12-P70	12-01001	.
AL24-P70	12-01002	.
AL12-70	12-01258	.
AL24-70	12-01259	.
AL24-FS60		2.95

American Champion	OEM Part #	Model #
7ECA, 7GCAA, 7GCBC, 7KCA, 8GCBC, 8KCAB	ALY-8420	AL12-P70
Beechcraft	OEM Part #	Model #
19A, B19, M19A, 23, A23-19, A23-24, B23, C23, C24, A24R, B24R, C24R	33-380009-1	AL12-F60
19A, B19, M19A, 23, A23-19, A23-24, B23, C23, C24, A24R, B24R, C24R	ALE-8105A / ALE-8406	AL12-P70
76 Duchess, 77Skipper	ALY-8420	AL12-P70
76 Duchess	ALU-8421	AL24-P70
B19, C19, C24R	ALU-8421R	AL24-P70
Cessna	OEM Part #	Model #
177, 177A, 177B	C611501-0101	AL12-F60
172L, K, L, M, N, P, 177, 177A, 177B, 177RG	C611501-0102	AL12-F60
172Q, 177B	C611503-0102/ 9910591-7	AL24-F60
172R, 172S, 182S, 182T, T182T	9910591-5/ 9910591-11	AL24-FS60
P206A, P206B, P206C, P206D, P206E, U206, U206A, U206B, U206C, U206D, U206E, TP206A, TP206B, TP206C, TP206D, TP206E, TU206B, TU206C, TU206E, 207, T207, 210B, 210C, 210D, 210E, 210F, T210F, T210G, T210H, T210J	C611501-0101	AL12-F60C
180H, 180J, 180K, 182J, 182K, 182L, 182M, 182N, 182P, 182Q, 182R, 185E, 185F, 188, P206C, U206C, U206D, U206E, U206F, U206G, TP206C, TU206B, TU206C, TU206E, TU206F, TU206G, 207, T207	C611501-0102	AL12-F60C
180H, 182G, 182H, 185D, 210E	0750217-1	AL12-F60C
188, A188, 210G, 210H	1570213-6	AL12-F60C
152, A152, 172M, 172N, 172P, 172RG, 177RG, R182, TR182	C611503-0102	AL24-F60
180J, 180K, 182P, 182Q, 182R, T182, U206E, U206F, U206G, TU206E, TU206F, TU206G, 207, T207, 210K, 210L, 210M, 210N, 210R, P210N, P210R, T210K, T210L, T210M, T210N, T210R	C611503-0102	AL24-F60C
188, 188A, 188B, A188, A188A, A188B, T188C, 207, T207	1570213-7	AL24-F60C
A188, A188A, A188B, 210K, T210K	1570213-6	AL12-F60C
Commander	OEM Part #	Model #
112, 112B, 112TC, 112TCA, 114, 114A, 114B, 114TC	LW14316	AL12-P70
Twin Commander Aircraft Corporation	OEM Part #	Model #
500-S	78314	AL24-P70
Diamond Aircraft Industries GmbH	OEM Part #	Model #
DA-40	ALU-8421LS	AL24-70*
Grumman (Gulfstream, Tiger)	OEM Part #	Model #
AA-1, AA-1A, AA-1B, AA-1C	ALE-6420 / ALY-6420	AL12-P70
AA-5, AA-5A, AA-5B, AG-5B, GA-7	LW-14310	AL12-F60
AG-5B	DOFF-10300J	AL12-F60
	ALU8421LS	AL24-P70

Mooney	OEM Part #	Model #
M20C, M20E, M20F, M20G, M20J	ALY-8420 / ALX-8403	AL12-P70
M20J	ALU6421LS	AL24-P70
M20M	ES-4009LS	AL24-P70
Piper (Without Airconditioning)	OEM Part #	Model #
PA-23-250, PA-23-235, PA-24-260	ALX-8403	AL12-70*
PA-23-250, PA-23-235, PA-24-260	ALX-8403	AL12-P70
PA-23-250, PA-23-235	ALU-8403	AL24-70*
PA-23-250, PA-23-235	ALU-8403	AL24-P70
PA-44-180, PA-44-180T	751 346	AL12-P70
PA-28-151, PA-32R-301 (SP), PA-32-301T, PA-32R-301(HP), PA-32R-301T (SP), PA-32-301, PA-34-200, PA-38-112	551-984	AL12-P70
PA-44-180, PA-44-180T	ALX8421LS	AL12-P70
PA-28-140, PA-28-150, PA-28-151, PA-28-160, PA-28-180, PA-28-235, PA-28R-180, PA-28R-200, PA-32-260, PA-32-300	69670-00 (60 amp)	AL12-C60
PA-28-140, PA-28-151, PA-28-161, PA-28-180, PA-28-235, PA-28R-200, PA-32-300	69670-03 (60 amp)	AL12-C60
PA-28-151, PA-28-161, PA-28-181, PA-28-236, PA-28R-201, PA-28RT-201, PA-32-300, PA-32RT-300, PA-32RT-300T	69670-04 (60 amp)	AL12-C60
Vulcanair, S.P.A	OEM Part #	Model #
P68, P68B, P68C, P68C-TC, P68 "OBSERVER", P68TC "OBSERVER", P68 "OBSERVER 2"	ALU-8421LS	AL24-P70
Lycoming Engines	OEM Part #	Model #
Engine Series 235, 320, 360, 540, 720	12v 70 amp or less Lycoming Alternators	AL12-P70
Engine Series 235, 320, 360, 540, 720	24v 70 amp or less Lycoming Alternators	AL24-P70
Engine Series 320, 360, 540, 720	12v 70amp or less Lycoming Alternators	AL12-70*
Engine Series 320, 360, 540, 720	24v 70amp or less Lycoming Alternators	AL24-70*
Superior Engines	OEM Part #	Model #
Engine Series O-360, IO-360	12v 70 amp or less Superior Alternators	AL12-70*
Engine Series O-360, IO-360	24v 70 amp or less Superior Alternators	AL24-70*

Note: For engine applications Plane-Power alternators replace Lycoming and Superior certified 70 amp (or less) alternators. (Lycoming alternator part numbers begin with LW-)

***Comes with all new Plane-Power Mounting Brackets and hardware.**

PLANE-POWER LIGHTWEIGHT EXPERIMENTAL ALTERNATORS

Unlike automotive alternators, all Plane-Power Experimental Alternators are specifically engineered for Airplane Engines and have Dual Internal Fans designed for Airplane Engine Rotation the same as our Certified Alternators. 2 year warranty,



The **AL12-EI60** kit comes with an internally regulated ultra compact lightweight AIRCRAFT alternator (6.9 lbs.) with an exclusive internal crowbar over-voltage protection circuit. The alternator is fully pilot controllable through unique internal wiring. The dual internal fans are designed for aircraft engine rotation for maximum cooling.

The AL12-EI60 kit includes the tension arm, mounting brackets, required AN hardware, and V-Belt for Superior and most Lycoming* engines.

The **AL12-EI70** kit includes a high output internally regulated AIRCRAFT alternator (10 lbs.) with an exclusive internal crowbar over-voltage protection circuit. The alternator is fully pilot controllable through unique internal wiring. The dual internal fans are designed for aircraft engine rotation for maximum cooling. The AL12-EI70 kit includes the tension arm, mounting brackets, required AN hardware, and V-Belt for Superior and most Lycoming* engines with a 9-3/4 engine pulley.

The **EX14-50** kit is an internally regulated alternator kit for Small Block Continental Engines. the alternator (6.9 lbs.) includes an exclusive internal crowbar over-voltage protection circuit and is fully pilot controllable through unique internal wiring. The alternator includes dual internal fans designed for aircraft engine rotation. the kit also includes a pre-wired enable/field plug. The EX14-50 kit fits C75, C85, C90, C125, C145, E165, E185, E225, IO-240, O-200 and O-300



Model	Output	Voltage	Part No.	Price
AL12-EI60/B (Boss Mount)	60	12	07-01313	.
AL12-EI60/C (Case Mount)	60	12	07-01313-1	.
AL12-EI70/B (Boss Mount)	70	12	07-01414	.
AL12-EI70/C (Case Mount)	70	12	07-01414-1	.
AL12-EE70/B (Boss Mount)	70	12	07-01005	.

Model	Output	Voltage	Part No.	Price
AL24-EE70/B (Boss Mount)	70	24	07-01006	.
AL12-EE70/C (Case Mount)	70	12	07-01005-1	.
AL24-EE70/C (Case Mount)	70	24	07-01006-1	.
EX14-50	50	12	07-01268	.