

# PLANE POWER CONVERSIONS & REGULATORS

## PLANE-POWER LIGHTWEIGHT STC GENERATOR TO ALTERNATOR CONVERSIONS



**BELT DRIVEN** - Include hardware and brackets to replace your existing generator and regulator. Plane-Power STC Belt Driven Generator Conversions allow for increasing the size of the output wire and circuit breaker to allow for a maximum of 70 amps of output. All Plane-Power alternators feature dual internal fans specially designed for aircraft engine rotation to maximize cooling. Models available for both 12 and 24 volt as well as for both Lycoming and Continental installations.

Model	Output	Voltage	Part No.	Price
SAL12-70	70 (max)	12	07-01301	---
SAL12-70C	70 (max)	12	07-01299	---
TAL12-70	70 (max)	12	07-01302	---

Model	Output	Voltage	Part No.	Price
TAL24-70	70 (max)	24	07-01304	---
TAL24-70C	70 (max)	24	07-01303	---

**GEAR DRIVEN** - Plane-Power Gear Driven Generator to Alternator Conversion Kits replace your existing generator with an alternator which will provide higher output at lower rpm and allow for increasing the size of the output wire and circuit breaker to allow for a maximum of 50 amps of output. The ER14-50 uses your existing gear assembly. The entire gear assembly (ER14-GR) may be purchased separately. Some older generators have larger diameter (5/8") shafts and require the gear support kit (G-Pack). Please call for details. The ER14-50 weighs 6.9 lbs and comes with a pre-wired enable plug, 50 amp gear driven alternator, alternator inoperative lamp, Seals and R1224B Power-Flex voltage regulator. Output: 50 (max) 12V..... P/N 07-01321

**Accessories:** Gear Drive designed for use with the ER14-50..... P/N 07-01348



## PLANE-POWER ALTERNATOR VOLTAGE REGULATORS

Plane-Power Power-Flex Voltage Regulators are FAA-PMA Approved. Available for most certified aircraft. Solid-state voltage regulators with over-voltage protection, field short (over current) protection, and reverse battery protection. Plane-Power Power-Flex voltage regulators also support precision load sharing for twin applications and an alternator inoperative lamp. Power-Flex voltage regulators are designed to be setup in the field for 14 or 24 volt operation by a simple placement of the two internal jumpers. For smaller mounting placement on the R1224, installation aid 12-1021 may be used.



R1224



R1224B

Model	Description	Voltage	Part No.	Price
R1224	Replaces many Ford, Electrodelta, Prestolite, Interav, Wico, and FVR voltage regulators.	14V	07-01305	---
R1224S-28	Replaces many Ford, Electrodelta, Prestolite, Interav, Wico, and FVR voltage regulators.	28V	07-20521	---
R1224B	Replaces voltage regulators on twin Cessnas, Beechcraft, and Vulcanair.	14V	07-01306	---
12-1021	Adapter Plate - Visit our website for a list of common aircraft in need of this adapter.	---	07-03532	---

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## AMBER LIGHT INDICATORS FOR THE HARTZELL ER14-50



14V ..... P/N 08-14616  
28V ..... P/N 08-14617

## GEAR ADAPTER KIT G-PACK



Required for use with the existing drive gear when the generator shaft is over 0.5" in diameter. Uses existing gear from replaced generator. .... P/N 07-01348

## PLANE POWER ALTERNATORS ONLY - WITHOUT MOUNTING KIT



Plane-Power alternators are FAA PMA certified to replace the vast majority of popular general aviation alternators. Plane-Power also manufactures an alternator kit for experimental aircraft applications that comes complete with required brackets, spacers, internal cooling, voltage regulation (choice of internal or external), and over-voltage protection. Plane-Power alternators are warranted for 2-years against component failures.

Volts/Amps	Model	Part No.	Price
12/70	AL12-C60, SAL12-70, TAL12-70	07-17756	---
12/70	AL12-F60	07-17757	---
12/70	AL12-F60C, SAL12-70C	07-17758	---
12/70	AL12-EI60-L, AL12-EI60/B, AL12-EI60/C	07-18016	---
24/70	AL24-F60	07-17760	---
24/70	AL24-FS60	07-17761	---
24/70	AL24-F60C, TAL24-70C	07-17762	---
24/70	AL12-70, AL12-P70	07-18054	---
12/50	ER14-50	07-19404	---

## PLANE POWER C28-150 ALTERNATORS



- Dual cooling fans ensure effective cooling and unmatched durability even in low engine RPM/high output installations.
- Compact size simplifies installation and ongoing inspections.
- FAA-PMA approved, no STC required for installation.

Plane-Power C28-150 line of FAA-PMA certified, 28V/150 Amp high output, gear-driven alternators.

These factory-rebuilt units will carry the same two-year warranty offered on every new Plane-Power alternator. The Plane-Power C28-150 gear-driven alternators deliver more continuous power at lower engine RPMs than any other aircraft alternator. Aircraft owners with high electrical demand during ground operations; such as those with sophisticated avionics suites or electrically-driven air conditioning systems, will appreciate the abundant electrical power they will get at idle with these Plane-Power alternators. C28-150S-FR without Debris Shield..... P/N 07-18128

## PLANE POWER C14-100 ALTERNATORS



- Dual cooling fans ensure effective cooling and unmatched durability even in low engine RPM/high output installations.
- Compact size simplifies installation and ongoing inspections.
- FAA-PMA approved, no STC required for installation.

Plane-Power C14-100 line of FAA-PMA certified, 24V/150 Amp high output, gear-driven alternators. These factory-rebuilt units will carry the same two-year warranty offered on every new Plane-Power alternator. The Plane-Power C14-100 gear-driven alternators deliver more continuous power at lower engine RPMs than any other aircraft alternator. Aircraft owners with high electrical demand during ground operations; such as those with sophisticated avionics suites or electrically-driven air conditioning systems, will appreciate the abundant electrical power they will get at idle with these Plane-Power alternators. C14-100S-FR without Debris Shield..... P/N 07-18126

## PLANE POWER REBUILT FLX ALTERNATOR



Description	Part Number	Price
ALT-FLX-1	07-21649	---
ALT-FLX-2	07-19188	---
ALT-FLX-3	07-19189	---
ALT-FLX-4	07-19190	---
ALT-FLX-5	07-19191	---
ALT-FLX-6	07-21650	---
ALT-FLX-7	07-19193	---
ALT-FLX-8	07-19194	---
ALT-FLX-9	07-19195	---

CORE CHARGES APPLY TO ALL NEW AND OVERHAULED HARTZELL UNITS.