

# 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



R1224

## 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.



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 | .     |



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

## AMBER LIGHT INDICATORS FOR THE HARTZELL ER14-50



## 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.