

# HARTZELL ENGINE TECH. ALTERNATORS

## HARTZELL ENGINE TECHNOLOGIES ALTERNATORS



The most popular alternators in use on Cessna and Beech aircraft are of Ford manufacture. Chrysler alternators are usually found on Piper aircraft. These units are manufactured to aircraft specifications and are not available through automotive parts stores. **Note:** Core charge is billed on all exchange units & credited upon receipt of acceptable core.

### ALTERNATOR PRODUCT INFORMATION

#### CHRYSLER ALTERNATORS - FACTORY OVERHAULED

| Model No. | Description | Part No. | Price |
|-----------|-------------|----------|-------|
| 4111810R  | 12V/60A BD  | 07-06402 | .     |

#### FORD ALTERNATORS - FACTORY OVERHAULED

| Model No.    | Description | Part No. | Price |
|--------------|-------------|----------|-------|
| DOFF10300BR  | 28V/60A BD  | 07-06413 | .     |
| DOFF10300DR  | 28V/60A GD  | 07-06418 | .     |
| DOFF10300ER  | 28V/38A GD  | 07-06414 | .     |
| DOFF10300FR  | 15V/60A GD  | 07-06415 | .     |
| DOFF10300JR  | 15V/60A BD  | 07-06416 | .     |
| E3FF10300AAR | 28V/95A BD  | 07-06417 | .     |
| ES4019RS     | 28V/130A BD | 08-07118 | .     |
| EOFF10300BAR | 28V/60A BD  | 07-06419 | .     |

## HARTZELL ENGINE TECHNOLOGIES OVERHAULED AL SERIES ALTERNATORS



Aircraft Spruce carries the full line of alternators, and starters which are remanufactured by Hartzell for installation in general aviation aircraft. Fully FAA approved. All prices shown are exchange prices. Core charges are billed when unit is shipped. Core credit is issued upon return of acceptable like model core to Aircraft Spruce West in Corona, CA. **Note:** If core is not in stock at factory, customer must send core to Aircraft Spruce at time of order to have the core overhauled.

| Hartzell Part No. | Volt/ Amp | Drive           | Replaces                 | Part No. | Price |
|-------------------|-----------|-----------------|--------------------------|----------|-------|
| ALE-6520R         | 12V/40A   | Belt            | ALE-6420, Lyc LW-14302   | 08-07005 | .     |
| ALE-8520R         | 12V/40A   | Belt            | ALE-8420, Lyc LW-14300   | 08-07006 | .     |
| ALT-8520R         | 24V/50A   | Belt            | ALT-8420, CMI 652486     | 07-06404 | .     |
| ALT-8521R         | 24V/50A   | Belt            | ALT-8421                 | 08-07008 | .     |
| ALT-9522R         | 24V/50A   | Direct          | ALT-9422, CMI 641668     | 07-06405 | .     |
| ALU-6521RS        | 24V/70A   | No Pulley/ Belt | ALU-6421LS, Lyc LW-14329 | 08-07009 | .     |
| ALU-8521R         | 24V/70A   | Belt            | ALU-8421                 | 07-06406 | .     |
| ALU-8521RS        | 24V/70A   | No Pulley/ Belt | ALU-8421LS, Lyc LW-14326 | 07-06407 | .     |
| ALU-8532RLS       | 8V/75A    | --              | --                       | 08-15661 | .     |
| ALU-9522R         | 24V/70A   | Direct          | --                       | 08-07010 | .     |
| ALX-8521R         | 12V/70A   | Belt            | --                       | 07-06421 | .     |
| ALX-8521RS        | 12V/70A   | No Pulley/ Belt | --                       | 08-07014 | .     |
| ALX-9524R         | 12V/70A   | Direct          | CMI 641670               | 08-07016 | .     |
| ALX-9525BR        | 12V/70A   | Direct          | CMI 643008               | 07-06410 | .     |
| ALY-6520R         | 12V/60A   | Belt            | Lyc LW-14333             | 08-07017 | .     |
| ALY-6520RLS       | 12V/60A   | --              | --                       | 08-15662 | .     |
| ALY-6521R         | 12V/60A   | Belt            | --                       | 07-06411 | .     |
| ALY-6522R         | 12V/60A   | Belt            | --                       | 08-07018 | .     |
| ALY-6527R         | 12V/60A   | Belt            | Lyc LW-14315             | 08-07019 | .     |
| ALY-8520R         | 12V/60A   | Belt            | --                       | 07-06412 | .     |
| ALY-8520RS        | 12V/60A   | No Pulley/ Belt | Lyc LW-14313             | 08-07020 | .     |
| ALY-8524R         | 12V/60A   | Belt            | --                       | 08-07021 | .     |

## HARTZELL ENGINE TECHNOLOGIES NEW ALTERNATORS



AL Series



ES4000 Series



ES4020 Series

As the OEM, Hartzell offers factory new alternators engineered specifically to meet the challenges and increased demands of today's aircraft electrical systems. Each unit is aviation designed & developed, no automotive parts used. For decades our alternators have been powering Lycoming/Continental engines with unmatched performance and reliability.

### AL SERIES ALTERNATOR - Prestolite Style - FAA/PMA Approved.

| Model No.  | Volts/Amps | Description    | Part No. | Price |
|------------|------------|----------------|----------|-------|
| ALT8520    | 24V/50A    | Belt Driven    | 08-07122 | .     |
| ALT8521    | 24V/50A    | Belt Driven    | 08-07123 | .     |
| ALT8521LS  | 24V/50A    | No Pulley/Belt | 08-07124 | .     |
| ALT9522    | 24V/50A    | Gear Driven    | 08-07125 | .     |
| ALU-6526   | 24V/60A    | Belt Driven    | 07-19276 | .     |
| ALX-6526   | 12V/70A    | Belt Driven    | 07-19277 | .     |
| ALU6521 LS | 24V/70A    | Belt Driven    | 08-07126 | .     |
| ALU8521    | 24V/70A    | Belt Driven    | 08-07127 | .     |
| ALU8521 LS | 24V/70A    | No Pulley/Belt | 08-07128 | .     |
| ALU8532 LS | 24V/70A    | No Pulley/Belt | 08-07129 | .     |
| ALX8521    | 12V/70A    | Belt Driven    | 08-07130 | .     |
| ALX8521LS  | 12V/70A    | No Pulley/Belt | 08-07131 | .     |
| ALX8523    | 12V/70A    | Belt Driven    | 08-07132 | .     |
| ALU-6539-4 | 25V/175A   | --             | 08-15650 | .     |
| ALX9524    | 12V/70A    | Gear Driven    | 08-07133 | .     |
| ALX9525B   | 12V/70A    | Gear Driven    | 08-07134 | .     |
| ALY9524    | 12V/60A    | Belt Driven    | 08-07135 | .     |
| ALY6527    | 12V/60A    | Belt Driven    | 08-07136 | .     |
| ALU-6526   | 24V/60A    | Belt Driven    | 07-19276 | .     |
| ALX-6526   | 12V/70A    | Belt Driven    | 07-19277 | .     |
| ALY8520    | 12V/60A    | Belt Driven    | 08-07137 | .     |
| ALY8520LS  | 12V/60A    | Belt Driven    | 08-07138 | .     |

### ES4000 SERIES ALTERNATOR - Ford Style - FAA/PMA Approved

| Model No. | Volts/Amps | Description | Part No. | Price |
|-----------|------------|-------------|----------|-------|
| ES4000    | 15V/60A    | Belt Driven | 08-07139 | .     |
| ES4001    | 15V/60A    | Gear Driven | 08-07141 | .     |
| ES4002    | 15V/80A    | Gear Driven | 08-07142 | .     |
| ES4003    | 15V/95A    | Belt Driven | 08-07143 | .     |
| ES4004    | 28V/38A    | Gear Driven | 08-07144 | .     |
| ES4006    | 28V/60A    | Gear Driven | 08-07145 | .     |
| ES4008    | 28V/70A    | Gear Driven | 08-07146 | .     |
| ES4009    | 28V/70A    | Belt Driven | 08-07147 | .     |
| ES4011    | 28V/95A    | Belt Driven | 08-07148 | .     |
| ES4019LS  | 28V/130A   | Belt Driven | 08-07149 | .     |
| ES4017    | 28V/90A    | Belt Driven | 08-15654 | .     |
| ES4011LS  | 15V/80A    | Belt Driven | 08-15653 | .     |
| ES40193LS | 28V/130A   | Belt Driven | 08-15655 | .     |

### ES4020 SERIES ALTERNATOR - Chrysler Style - FAA/PMA Approved

| Model No. | Volts/Amps | Description | Part No. | Price |
|-----------|------------|-------------|----------|-------|
| ES4020    | 14V/90A    | Belt Driven | 08-07150 | .     |
| ES4029    | 28V/70A    | Gear Driven | 08-07151 | .     |