

PennTex Complete Line of Alternators

- Charging systems that deliver more amps at idle for all shuttle and transit bus applications
 - Alternators from 220 to 350 amps at 14 volts and 130 to 330 amps at 28 volts
 - External voltage regulator design for maximum performance



PX-833
50DN air-cooled
upgrade

- Higher output: 28 volts / 330 amps with more than 200 amps at idle
- Increased fuel economy with air-cooled design
- Utilizes all existing hardware, electrical components and pulley



Or quickly convert your leaky oil-cooled 50DN to air-cooled with a PennTex PX-8 BCK Conversion Kit. No oil seals to lubricate and install makes this conversion much faster than a 50DN overhaul. No more alternator copper in your engine oil and Proven PennTex Durability!



PX-4V SERIES

A drop-in upgrade for the 2005-2009 GM C3500/4500/5500 Chassis with a gas or diesel engine. Our system has a plug-in harness and is rated at 14 volts, 220 amps maximum output. There are six high temperature 60-amp positive diodes and six high temperature 60-amp negative diodes for superior cooling by increased rectification.



PX-5 SERIES

An extra heavy-duty upgrade for the Ford E-Series chassis with a gas or diesel engine including 2009 OEM applications. Our system is rated at 14 volts, 230 and 250 amps maximum output. It uses 12 high temperature 60-amp positive diodes and 6 high temperature 60-amp negative diodes in heat sinks for superior cooling.

PennTex
INDUSTRIES, INC.

Corporate Office: 202 Plaza Drive, Manchester, PA 17345 Phone: 717-266-8762 Fax: 717-266-7803
Manufacturing: 7620 Flagstone Drive, Ft. Worth, TX 76118 Phone: 817-590-2818 Fax: 817-590-0505 Toll Free: 877-590-7366
www.penntexusa.com email: sales@penntexusa.com

Manufacturers of High Efficiency Alternators and Mobile Electronic Devices



PennTex INDUSTRIES, INC. HEAVY DUTY CHARGING SYSTEMS

FEEL THE POWER OF **HIGH OUTPUT ALTERNATORS**



14-volts,
200 amps
6.5" long
7.125" tall

PX-2 SERIES



14-volts,
220 amps
7.02" long
6.65" wide

PX-4V-220 SERIES



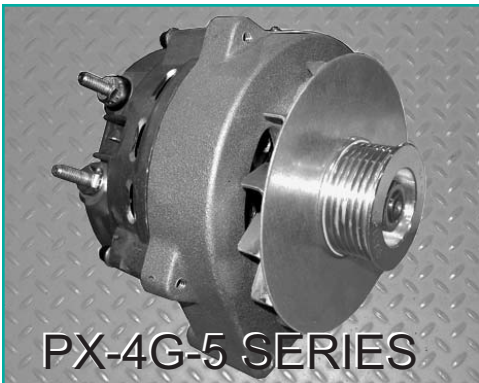
14-volts,
200, 285 &
305 amps
9.25" long
6.67" wide

PX-3 SERIES



14-volts,
230 & 250
amps
7.97" long
7.13" tall

PX-5 SERIES



14-volts,
200 amps
6.5" long
7.13" tall

PX-4G-5 SERIES



14-volts,
275 & 350
amps
10.81" long
8.66" wide

PX-6 SERIES

MANY OTHER MODELS AVAILABLE

NOT JUST A REWOUND FACTORY ALTERNATOR BUT A HEAVY DUTY SOLUTION

Get The PennTex Advantage!
PERFORMANCE, ENDURANCE AND SATISFACTION

Corporate: Manchester, PA Manufacturing: Ft. Worth, TX www.penntexusa.com sales@penntexusa.com

FEEL THE POWER

OUTPUT CHARACTERISTICS

200/170 AMPS

| MODEL PX-220-5 TESTED AND PROVEN | | |
|-------------------------------------|-------------------|-------------|
| ROTOR RPM | AMPS @ 13.5 VOLTS | |
| | COLD (SAE) | HOT (200°F) |
| 1800 | 70 | 60 |
| 2000 | 95 | 80 |
| 2250 | 115 | 95 |
| 2500 | 135 | 115 |
| 3500 | 170 | 140 |
| 4000 | 175 | 145 |
| 4500 | 180 | 150 |
| 5000 | 185 | 150 |
| 5500 | 190 | 160 |
| 6000 | 200 | 170 |

200/180 AMPS

| MODEL PX-320S TESTED AND PROVEN | | |
|------------------------------------|-------------------|-------------|
| ROTOR RPM | AMPS @ 13.5 VOLTS | |
| | COLD (SAE) | HOT (200°F) |
| 1800 | 95 | 80 |
| 2000 | 135 | 115 |
| 2250 | 150 | 125 |
| 2500 | 170 | 140 |
| 2750 | 180 | 150 |
| 3000 | 190 | 160 |
| 3500 | 200 | 165 |
| 4000 | 210 | 175 |
| 4500 | 215 | 180 |
| 5000 | 220 | 185 |

250/210 AMPS

| MODEL PX-325S TESTED AND PROVEN | | |
|------------------------------------|-------------------|-------------|
| ROTOR RPM | AMPS @ 13.5 VOLTS | |
| | COLD (SAE) | HOT (200°F) |
| 1800 | 85 | 70 |
| 2000 | 130 | 110 |
| 2250 | 145 | 120 |
| 2500 | 180 | 150 |
| 2750 | 190 | 160 |
| 3000 | 210 | 175 |
| 3500 | 225 | 185 |
| 4000 | 240 | 200 |
| 4500 | 245 | 205 |
| 5000 | 255 | 210 |

305/250 AMPS

| MODEL PX-305S TESTED AND PROVEN | | |
|------------------------------------|-------------------|-------------|
| ROTOR RPM | AMPS @ 13.5 VOLTS | |
| | COLD (SAE) | HOT (200°F) |
| 1800 | 50 | 40 |
| 2000 | 95 | 80 |
| 2250 | 130 | 110 |
| 2500 | 170 | 140 |
| 2750 | 200 | 165 |
| 3000 | 225 | 185 |
| 3500 | 255 | 210 |
| 4000 | 275 | 225 |
| 4500 | 285 | 235 |
| 5000 | 305 | 250 |

200/170 AMPS

| MODEL PX-420G-5 TESTED AND PROVEN | | |
|--------------------------------------|-------------------|-------------|
| ROTOR RPM | AMPS @ 13.5 VOLTS | |
| | COLD (SAE) | HOT (200°F) |
| 1800 | 70 | 60 |
| 2000 | 95 | 80 |
| 2250 | 115 | 95 |
| 2500 | 135 | 115 |
| 2750 | 145 | 120 |
| 3000 | 155 | 130 |
| 3500 | 170 | 140 |
| 4000 | 175 | 145 |
| 4500 | 180 | 150 |
| 5000 | 185 | 155 |
| 5500 | 190 | 160 |
| 6000 | 200 | 170 |

220/180 AMPS

| MODEL PX-422V TESTED AND PROVEN | | |
|------------------------------------|-------------------|-------------|
| ROTOR RPM | AMPS @ 13.5 VOLTS | |
| | COLD (SAE) | HOT (200°F) |
| 1800 | 80 | 65 |
| 2000 | 110 | 90 |
| 2250 | 130 | 110 |
| 2500 | 150 | 125 |
| 2750 | 160 | 130 |
| 3000 | 175 | 145 |
| 3500 | 190 | 155 |
| 4000 | 200 | 165 |
| 4500 | 210 | 175 |
| 5000 | 220 | 180 |

230/190 AMPS

| MODEL PX-520 TESTED AND PROVEN | | |
|-----------------------------------|-------------------|-------------|
| ROTOR RPM | AMPS @ 13.5 VOLTS | |
| | COLD (SAE) | HOT (200°F) |
| 1800 | 110 | 90 |
| 2000 | 130 | 110 |
| 2250 | 155 | 130 |
| 2500 | 170 | 140 |
| 2750 | 185 | 155 |
| 3000 | 195 | 160 |
| 3500 | 210 | 175 |
| 4000 | 215 | 180 |
| 4500 | 225 | 185 |
| 5000 | 230 | 190 |

250/210 AMPS

| MODEL PX-525 TESTED AND PROVEN | | |
|-----------------------------------|-------------------|-------------|
| ROTOR RPM | AMPS @ 13.5 VOLTS | |
| | COLD (SAE) | HOT (200°F) |
| 1800 | 95 | 80 |
| 2000 | 125 | 105 |
| 2250 | 145 | 120 |
| 2500 | 175 | 145 |
| 2750 | 190 | 160 |
| 3000 | 205 | 170 |
| 3500 | 225 | 185 |
| 4000 | 235 | 195 |
| 4500 | 240 | 200 |
| 5000 | 250 | 210 |

275/260 AMPS

| MODEL PX-627 TESTED AND PROVEN | | |
|-----------------------------------|-------------------|-------------|
| ROTOR RPM | AMPS @ 13.5 VOLTS | |
| | COLD (SAE) | HOT (200°F) |
| 1500 | 120 | 97 |
| 2000 | 190 | 167 |
| 2500 | 227 | 204 |
| 3000 | 247 | 225 |
| 3500 | 259 | 238 |
| 4000 | 269 | 247 |
| 4500 | 276 | 253 |
| 6000 | 297 | 265 |

350/335 AMPS

| MODEL PX-635 TESTED AND PROVEN | | |
|-----------------------------------|-------------------|-------------|
| ROTOR RPM | AMPS @ 13.5 VOLTS | |
| | COLD (SAE) | HOT (200°F) |
| 2000 | 185 | 160 |
| 2500 | 250 | 233 |
| 3000 | 281 | 266 |
| 3500 | 302 | 287 |
| 4000 | 317 | 303 |
| 5000 | 337 | 323 |
| 5500 | 341 | 328 |
| 6000 | 350 | 335 |

APPLICATIONS

- Specifically designed to perform in a high heat environment.
- For buses and all other vehicles that require a high amperage charging system output.
- See our application guide or contact PennTex for availability of a specific application.

OPTIONS

- 28 volt and other voltages available.

PERFORMANCE, ENDURANCE AND SATISFACTION

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