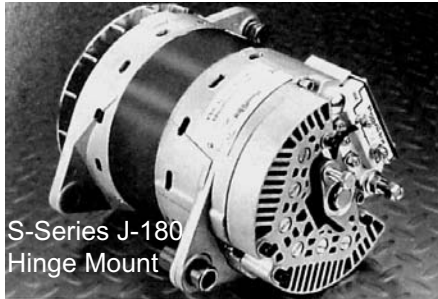


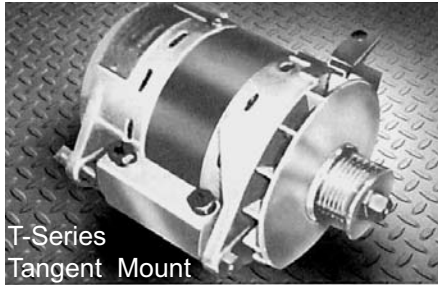
MODEL

## PX-6 Series 14-volt / 28-volt 130 amps 28-volt 160 & 190 amps

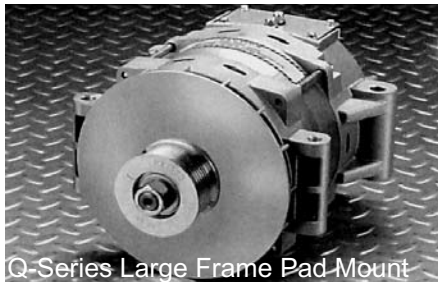
### HIGH AMPERAGE / HEAVY DUTY ALTERNATORS / CHARGING SYSTEMS



S-Series J-180  
Hinge Mount



T-Series  
Tangent Mount



Q-Series Large Frame Pad Mount

AVAILABLE  
28-VOLT MODELS:  
PX-614SH  
PX-616S  
PX-616Q  
PX-616T  
PX-619Q  
PX-619QF

Check with PennTex for  
information on the  
PX-614SH 14-volt /  
28-volt Hybrid System  
used on 14-volt vehicles  
to power an additional  
28-volt  
electrical system.

PX-616 & PX-619  
use a PX-4024  
Voltage  
Regulator  
(Shown)

PX-614SH  
Uses a  
PX-4000-4  
Voltage Regulator



#### 140 AMPS

PX-614SH HYBRID TESTED AND PROVEN		
ROTOR RPM	AMPS@ 28 VOLTS	
	COLD (SAE)	HOT (200°F)
1800	75	60
2000	90	75
2500	100	85
3000	110	90
3500	120	100
4000	130	110
4500	135	115
5000	140	120

#### 160 AMPS

PX-616 TESTED AND PROVEN		
ROTOR RPM	AMPS@ 28 VOLTS	
	COLD (SAE)	HOT (200°F)
1800	85	65
2000	106	86
2500	134	118
3000	147	130
3500	155	141
4000	159	144
4500	164	151
5000	167	154

#### 190 AMPS

PX-619 TESTED AND PROVEN		
ROTOR RPM	AMPS@ 28 VOLTS	
	COLD (SAE)	HOT (200°F)
1800	48	46
2000	79	76
2500	138	127
3000	164	150
3500	179	168
4000	190	177
4500	198	183
5000	206	190

#### WARRANTY

PX-616, PX-619: PENNTEX INDUSTRIES, INC. STANDARD WARRANTY IS EIGHTEEN (18) MONTHS OR 75,000 MILES -- WHICHEVER OCCURS FIRST, WHEN INSTALLED ON A NEW OEM VEHICLE. AFTERMARKET INSTALLATIONS HAVE A WARRANTY OF TWELVE (12) MONTHS/UNLIMITED MILES. PX-614 IS 12 (TWELVE) MONTHS/UNLIMITED MILES.

#### APPLICATIONS

- Buses, Firetrucks, Ambulances and Industrial applications that require reliable 28 volt output.
- Contact PennTex for availability of specific application.

#### OPTIONS

- 14 volt and other voltages available.



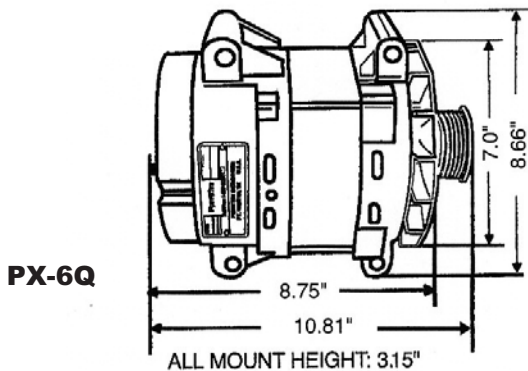
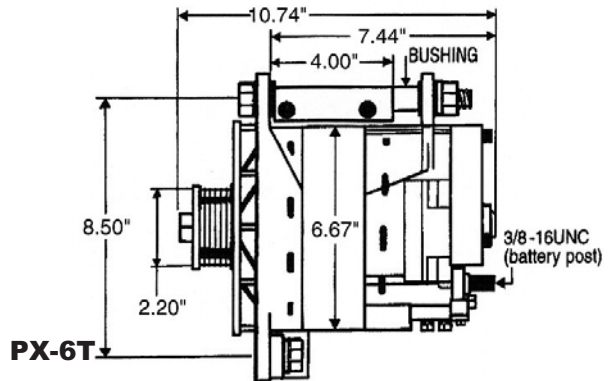
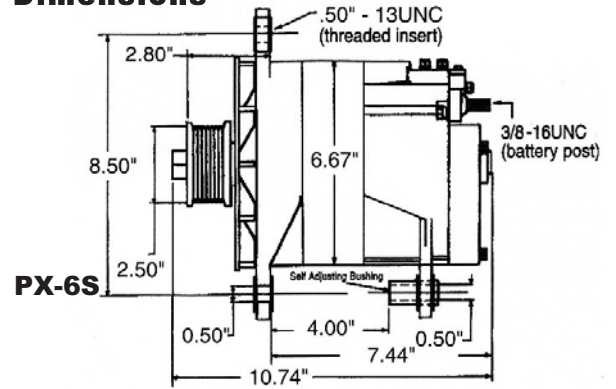
Specially designed for heavy duty, high amperage applications for vehicles that operate at less than highway speeds or idle for prolonged periods of time.

## Special Features:

- 1) 3/8" battery post.
- 2) Heavy duty hand wound high output stator.
- 3) Heavy duty dual plain balanced rotor.
- 4) Heavy duty long life brushes.
- 5) Heavy duty bearings with high temperature seals and grease.
- 6) Eighteen (18) press fit 60 amp diodes.
- 7) Specially designed patented heavy duty regulator that produces higher output ratings; runs cooler than industry standards.
- 8) Regulator has ground fault protection and high voltage protection.
- 9) Newly designed cooling fan for cooler operating temperatures.
- 10) Utilizes common OEM mounting configurations.
- 11) GXL wire standard in all harnesses.
- 12) Weight: Approximately 32 pounds.

**P**ennTex Industries recommends using a minimum of 2 gauge battery and ground cable. For maximum performance, route 2 gauge battery cable, or larger, from the alternator battery post directly to the battery positive stud. The ground wire from the alternator should be a minimum of 2 gauge cable and be bolted directly to a chassis ground or to the negative side of the battery.

## Dimensions



## PERFORMANCE, ENDURANCE AND SATISFACTION

**PennTex**  
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High Efficiency Alternators and  
Mobile Electronic Devices.

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