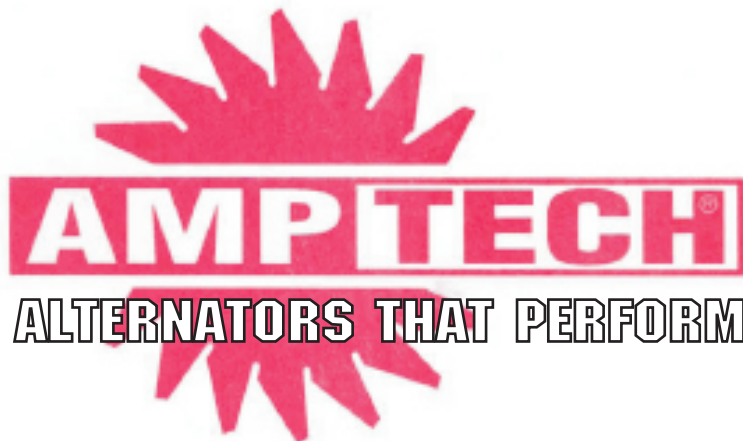
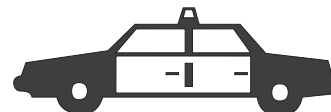


**EMS • MARINE • LIMOUSINE  
INDUSTRIAL • COMMERCIAL  
TRANSPORTATION • RV  
COMPETITION CAR AUDIO  
OFF-ROAD • BATTERY ISOLATOR**



**DC POWER SOLUTIONS**

**CHARGE & MAINTENANCE  
SOLAR POWER • DC PULSING**



**1-800-364-9966**

**Amp Tech Mfg, LLC**

**2554 Gravel Dr. Fort Worth, TX 76118**

**PH: 817-590-0716**

**FAX: 817-590-0720**

**info@amptechmfg.com**

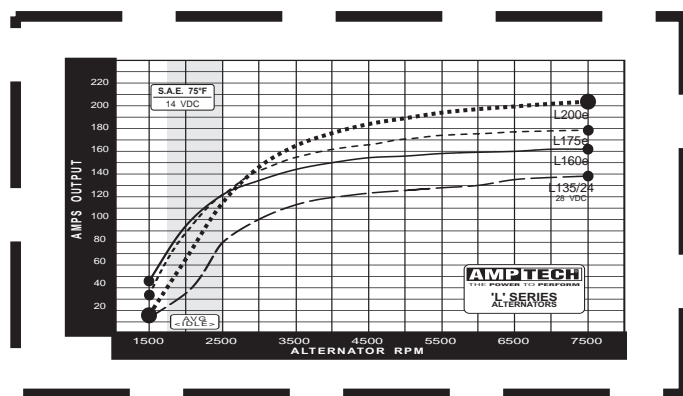
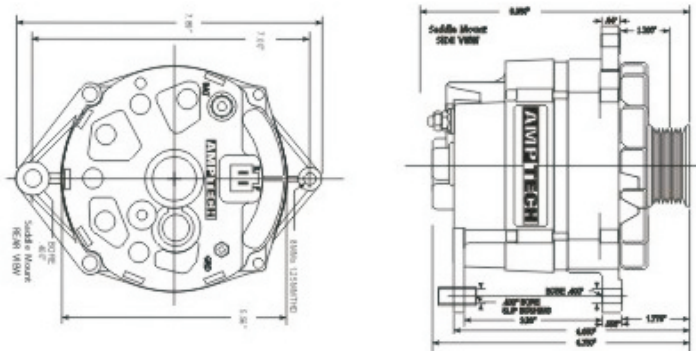
**www.amptechmfg.com**

**AMPTeCH®**  
HIGH OUTPUT ALTERNATORS

**PulseTech®**  
BATTERY MAINTENANCE

# CHARGE

AMBULANCES - FIRE TRUCKS  
LIMOUSINES - MARINE YACHTS  
SERVICE VEHICLES  
COMPETITION CAR AUDIO  
HEAVY DUTY TRUCKS  
BOATS - OFF ROAD VEHICLES  
ATV'S - JET SKIS  
MANY MORE APPLICATIONS!



# AND MAINTAIN

**EXTEND BATTERY LIFE UP TO 5X**  
**ELIMINATE YOUR BATTERY ISSUES!**

Maintain and Charge all 12-Volt Lead-Acid Batteries

Cleans battery plates of large, damaging lead-sulfates so batteries can accept, store and release **MAXIMUM** power when you need it

Provides greater charge acceptance so batteries charge faster and at a greater capacitance

Works with all lead-acid batteries (flooded cell, AGM and gel)

Safe, reliable and weatherproof



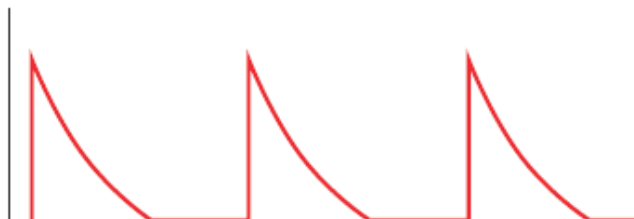
**GO GREEN!**  
USE FEWER BATTERIES



## 20 Reasons Why Amp Tech Has the Advantage!

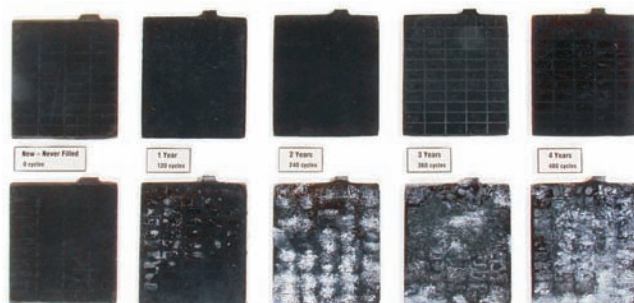
- Alternators are hand made in AMERICA by Americans.
- AMPTECH alternators are Marine Certified to Coast Guard and B.I.A standards.
- More AMPS at lower RPM's gives you power when most needed.
- "COOL COIL" hand wound stators which use HEAVY gauge magnet wires from 11 ga to 14ga.
- AMPTECH rotors are precision balanced to within .025 ounce inches compared to OEM standards of .500 virtually eliminating vibration and bearing pressure (frictional heat).
- AMPTECH uses high performance heavy duty bearings packed with high temperature grease.
- AMPTECH uses Heavy Duty 50 amp 400V press fit Diodes for high temperature and rated with a Peak Surge Current of 600 amps.

## Patented Pulse Technology



This precisely-controlled waveform has proven to be the best at removing sulfation from the battery plates and returning lead sulfate back to the electrolyte solution.

## 4 Year Independent Study



**EXTEND BATTERY LIFE UP TO 5X**  
**ELIMINATE YOUR BATTERY ISSUES!**

**AC Charge, Solar Charge  
Test, Pulse, Desulfate  
Absorb, Saturate, Maintain**



# AMPTECH®

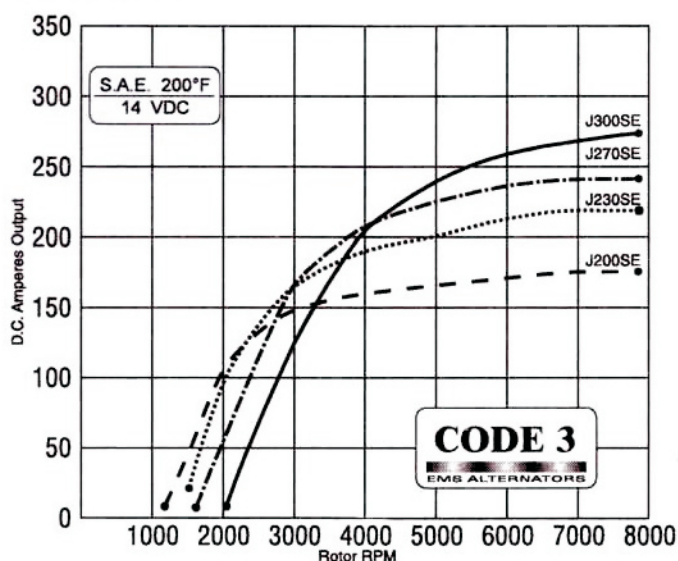
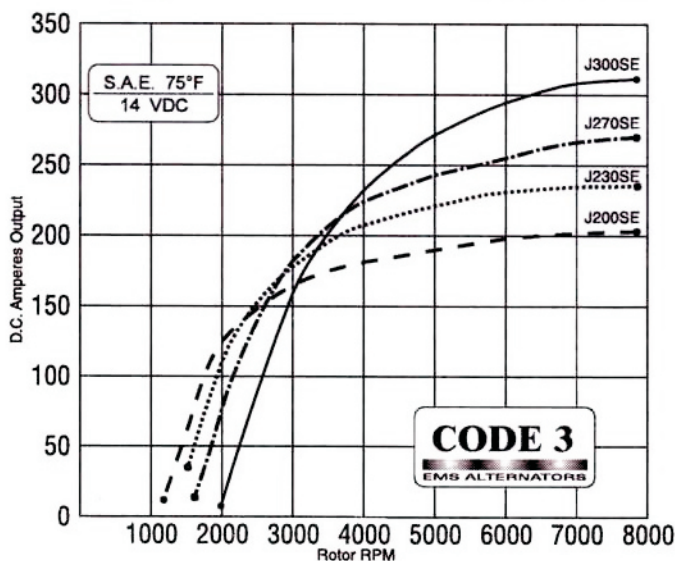
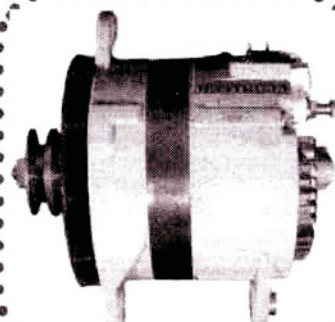
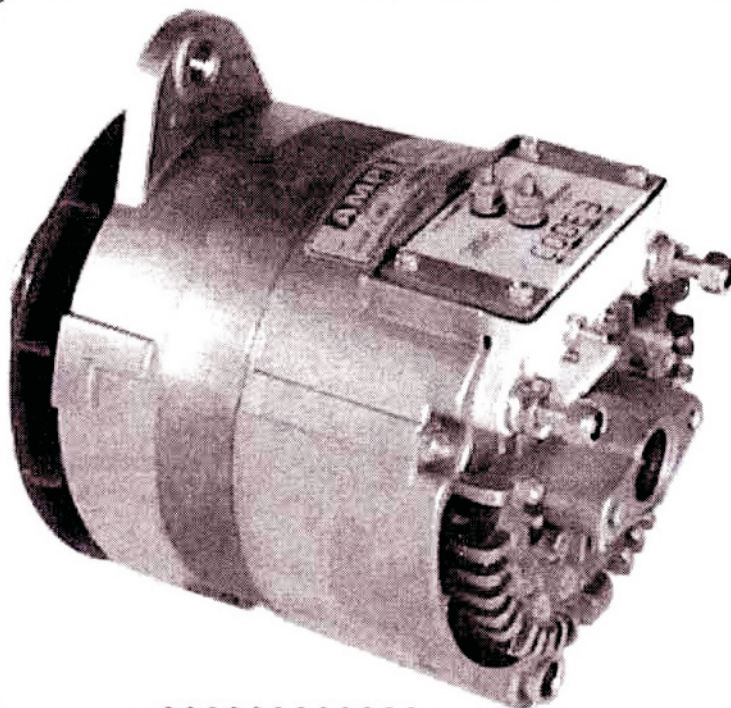
## HIGH OUTPUT ALTERNATORS

## CODE 3

### EMS SERIES ALTERNATORS

### SPECIFICATIONS

- All CODE 3 Alternators have 24 internally rectified 50 amp press-fit diodes.
- Massive 11 guage three phase hand wound stator for the coolest operation at maximum output.
- Precision dynamically balanced high amp rotor.
- Exclusive dual 'Cool Flow' heatsinks for maximum diode heat dissipation at all output levels.
- Coupled 5/16" positive output posts for low loss high amp transfer.
- Externally regulated for stable output.
- Heavy duty bearings with high temperature grease.
- Enclosed long life copper composite brush system.
- Industry standard aluminum housing for bolt for bolt replacement of OEM products.
- J180 SAE mounting.
- Isolator compatible.
- Ambient Operating temperature range of -40°F to 200°F.
- Negative ground configuration standard, Floating ground insulated return models available.
- Maximum operating Speed of 8,000 RPM.
- Recommended Pulley Ratio between 2:1 thru 3.5:1 depending on engine installation.
- Bi-directional fan for Bi-directional operating rotation.





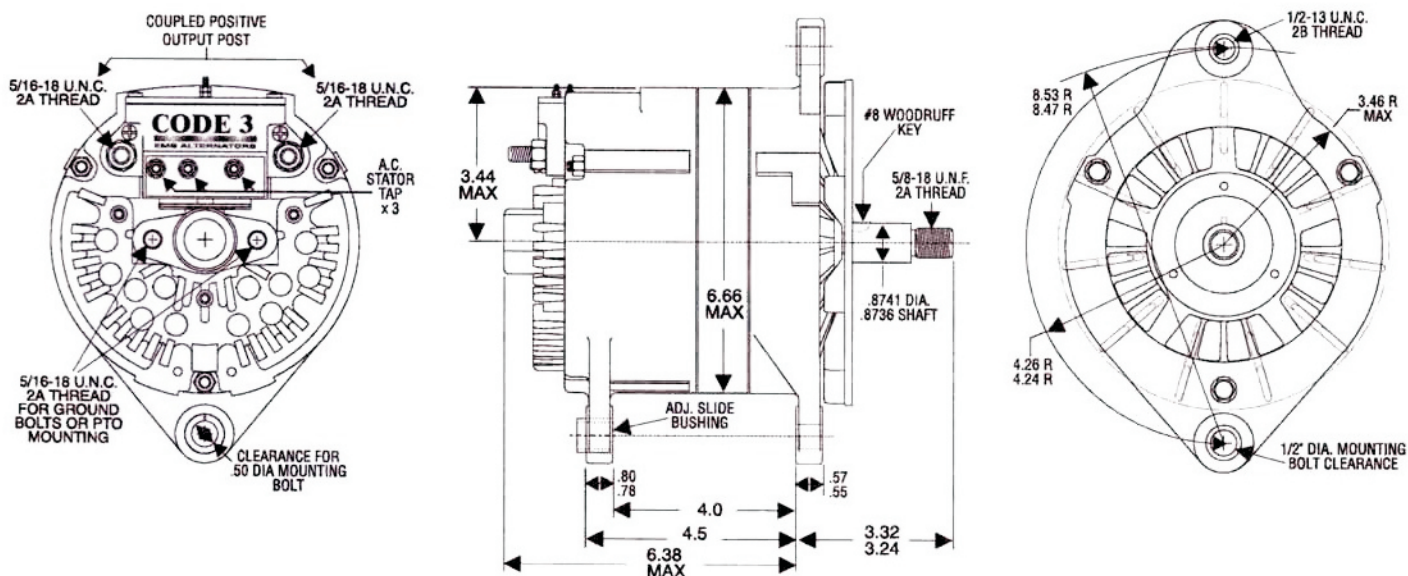
# AMPTECH®

## HIGH OUTPUT ALTERNATORS

# CODE 3

## EMS ALTERNATORS

### DIMENSIONS



### OUTPUT

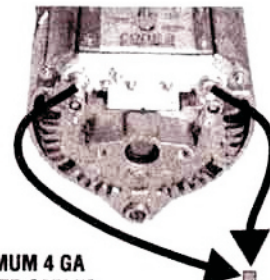
#### COMPARISON CHART OF AMPTECH® CODE3 EMS ALTERNATORS

COLD AND HOT RATINGS USING THE S.A.E. TESTING PROCEDURE

MODEL	J200Se		J230Se		J270Se		J300Se	
	S.A.E. 14.2 VOLTS DC EXTERNAL REGULATION		S.A.E. 14.2 VOLTS DC EXTERNAL REGULATION		S.A.E. 14.2 VOLTS DC EXTERNAL REGULATION		S.A.E. 14.2 VOLTS DC EXTERNAL REGULATION	
NEG GROUND REGULATION								
ROTOR RPM	75°F COLD	200°F HOT	75°F COLD	200°F HOT	75°F COLD	200°F HOT	75°F COLD	200°F HOT
7,500	203	177	235	218	270	241	311	274
7,000	202	176	235	218	266	241	308	269
6,500	200	173	235	218	260	238	300	264
6,000	198	171	232	215	255	236	295	259
5,500	193	169	227	205	250	230	284	252
5,000	190	166	222	200	243	226	272	240
4,500	187	163	215	196	234	218	252	224
4,000	182	160	207	190	223	208	232	205
3,500	174	158	195	182	208	190	204	175
3,000	165	148	178	165	184	166	160	125
2,500	147	133	150	142	141	125	89	62
2,000	124	106	110	96	78	55	8	
1,900	113	95	98	83	58	39		
1,800	105	86	85	69	40	18		
1,700	94	76	71	49	13	8		
1,600	82	66	51	35	8			
1,500	67	48	35	21				
1,400	48	33						
1,300	30	21						
1,200	12	8						
WARRANTY	12 MONTHS OR 100,000 MILES		12 MONTHS OR 100,000 MILES		12 MONTHS OR 100,000 MILES		12 MONTHS OR 100,000 MILES	

### TERMINATIONS

AC TAPS	1/4"-20 Studs x 3
Ignition	10-24
Battery Pos.	5/16"-18
Ground Neg.	5/16"-18



MINIMUM 4 GA  
COUPLED CABLES  
FROM BOTH POSITIVE  
OUTPUT POST TO LOAD  
REQUIRED ON ALL  
INSTALLATIONS.

## AMP TECH MFG

800-364-9966

info@amptechmfg.com



# AMPTECH®

## HIGH OUTPUT ALTERNATORS

# HIGH PERFORMANCE 'L' SERIES ALTERNATORS

### SPECIFICATIONS

- All 'L' Series Negative Ground Alternators have the following features:
- 14 Volt DC large case
- Heavy duty high performance alternator.
- 3 models S.A.E. rated from 163 to 203 AMPS @ 75°F and 149 to 185 AMPS @ 200°F.
- Externally regulated for stable output
- 18-50 amp Motorola press-fit diodes (Floating ground insulated return models have 12-50 amp press fit diodes).

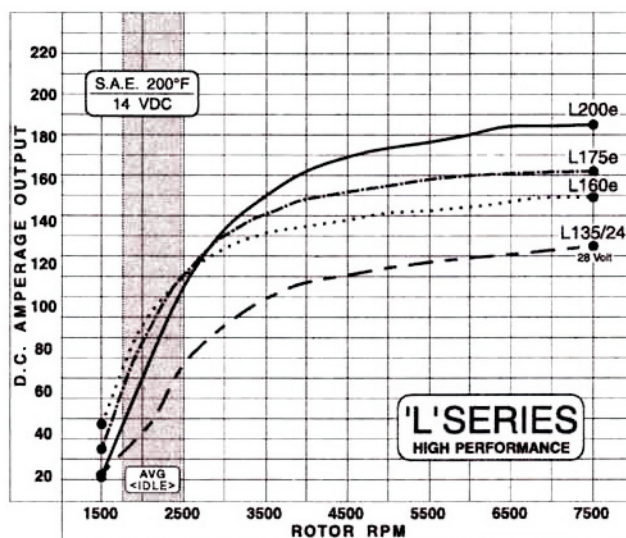
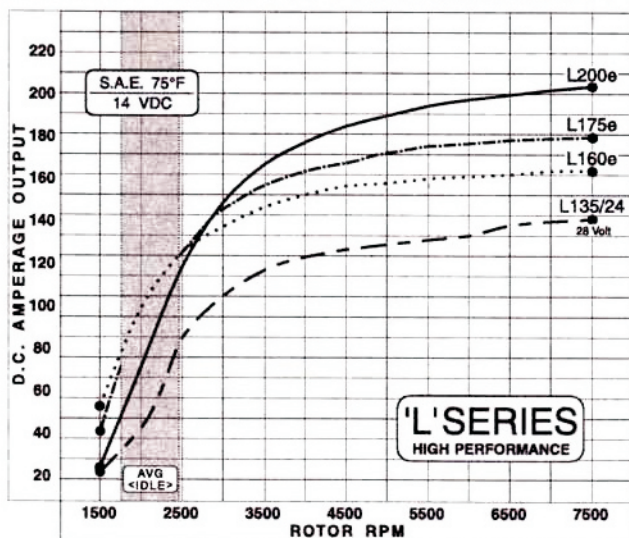
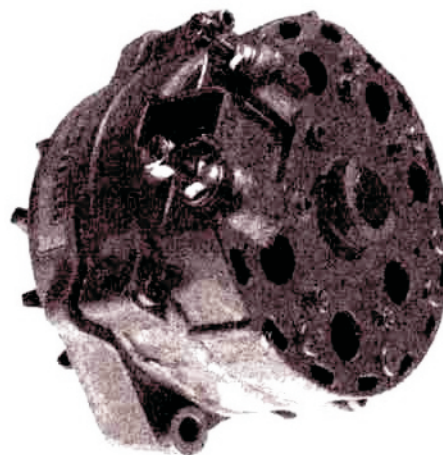
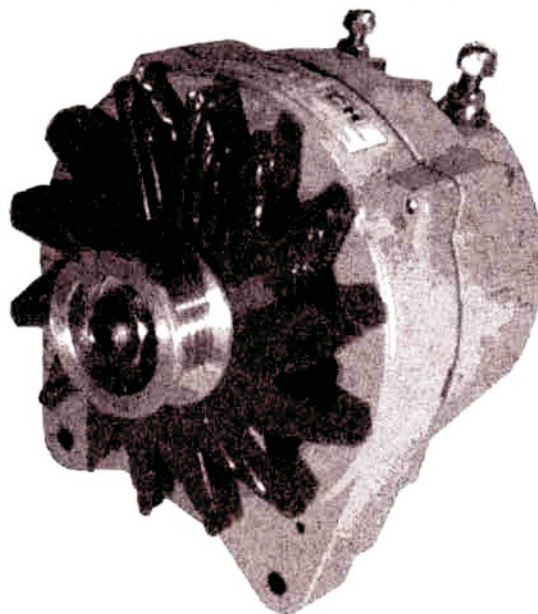
- Exclusive 'COOL FLOW' precision cast heatsink
- 5/16" positive battery post.
- 1/4" negative ground post.
- Precision balanced high output rotor.
- Exclusive 12 Gauge hand wound stator.
- Heavy duty bearings.
- Extended life copper composite brushes
- The following mounting configurations are available:

Ford 3" Spool, Tangent and 4.6L Modular mount  
GM 2" Spool, 3" Spool & Vortec mounts  
Chrysler 2" Saddle  
J180 4" Saddle  
Marine 1" Foot mount

- 12 month/100,000 mile warranty.
- Marine Certified, Complies with Coast Guard and B.I.A. Standard, Title 33 CFR, Part 183, Sub part 1, Section 183-410.

### 24 VOLT ALTERNATORS

- 135 AMP 28 VDC large case
- Rated 135 AMPS S.A.E. and 125 AMPS @ 200°F.
- Exclusive 14 Gauge 150 AMP hand wound stator.
- Same standard features as 14VDC models above.

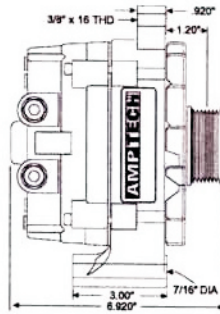
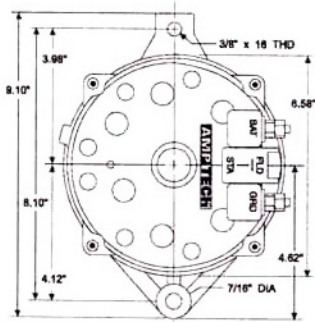




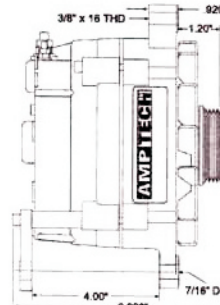
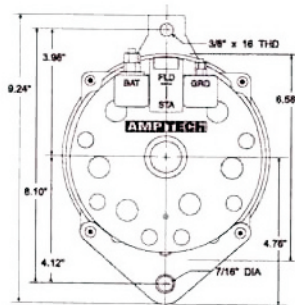
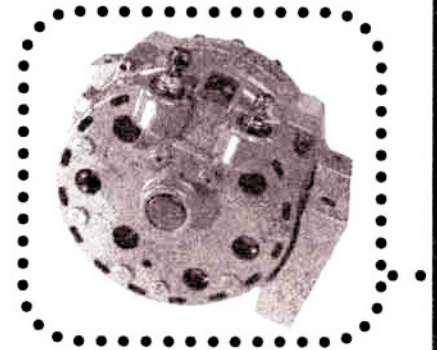
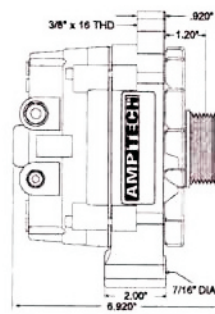
# **HIGH PERFORMANCE 'L' SERIES ALTERNATORS**

## **DIMENSIONS**

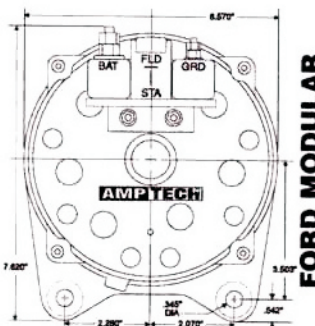
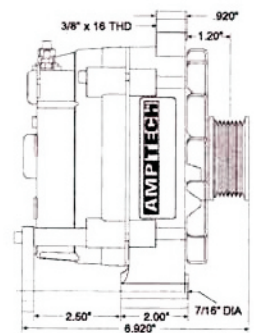
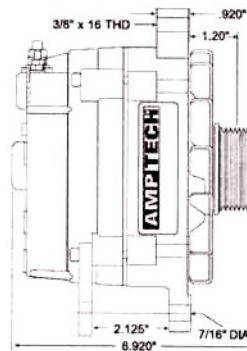
# **AMPTeCH®** **HIGH OUTPUT ALTERNATORS**



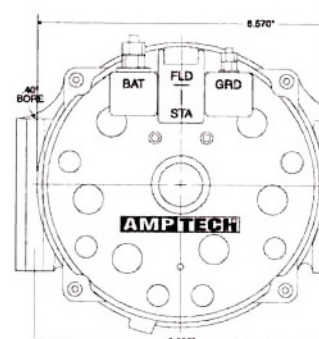
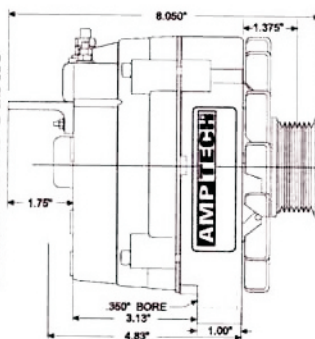
**SPOOL MOUNT**



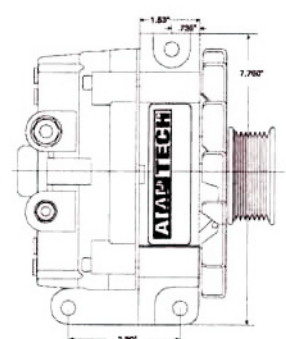
**SADDLE MOUNT**



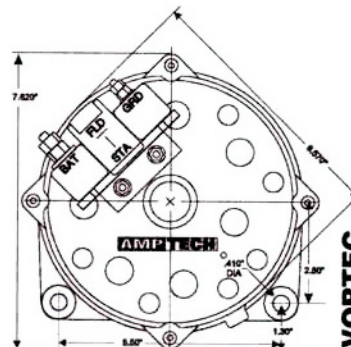
**FORD MODULAR**



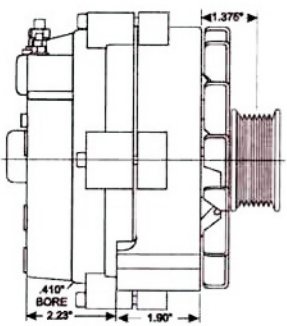
**TANGENT MOUNT**



COMPARISON CHART OF AMPTECH 'L' SERIES ALTERNATORS									
BOTH COLD AND HOT RATINGS USING THE S.A.E. TESTING PROCEDURE									
	L200e		L175e		L160e		L135/24e		
MFG GROUND REGULATION	(14 VOLT) S.A.E. EXTERNAL						(28 VOLT) S.A.E. EXTERNAL		
ROTOR RPM	75°F COLD	200°F HOT	75°F COLD	200°F HOT	75°F COLD	200°F HOT	75°F COLD	200°F HOT	
7,500	203	185	178	163	163	149	138	125	
7,000	202	184	177	162	162	149	137	123	
6,500	199	184	177	161	160	147	135	120	
6,000	197	180	176	160	159	144	130	119	
5,500	194	175	174	158	158	142	128	117	
5,000	189	174	171	155	156	141	126	114	
4,500	184	169	166	152	154	138	123	111	
4,000	176	162	162	148	150	134	119	107	
3,500	165	150	155	141	144	131	113	99	
3,000	146	133	143	130	134	124	100	86	
2,500	114	105	122	111	122	110	80	67	
2,000	65	60	88	77	94	87	35	33	
WARRANTY	12 MONTHS /100,000 MILES		12 MONTHS /100,000 MILES		12 MONTHS /100,000 MILES		12 MONTHS /100,000 MILES		



**VORTEC**



## **AMP TECH MFG**

800-364-9966  
info@amptechmfg.com



# AMPTECH®

## HIGH OUTPUT ALTERNATORS

# 'S' HIGH PERFORMANCE SERIES ALTERNATORS

### EXTERNALLY REGULATED ALTERNATORS

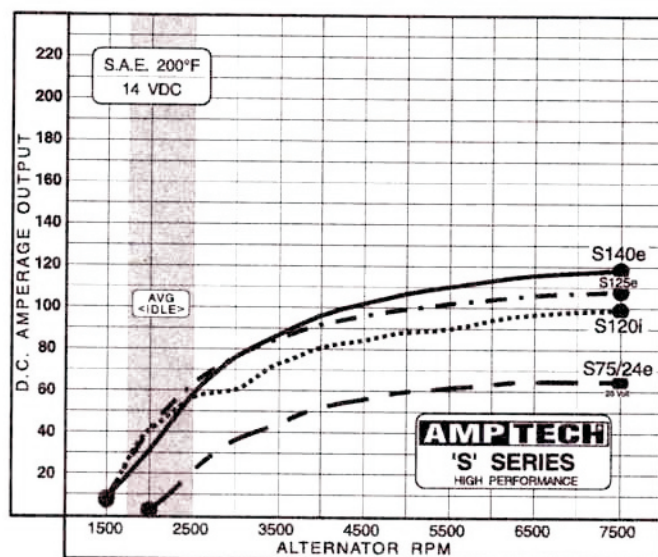
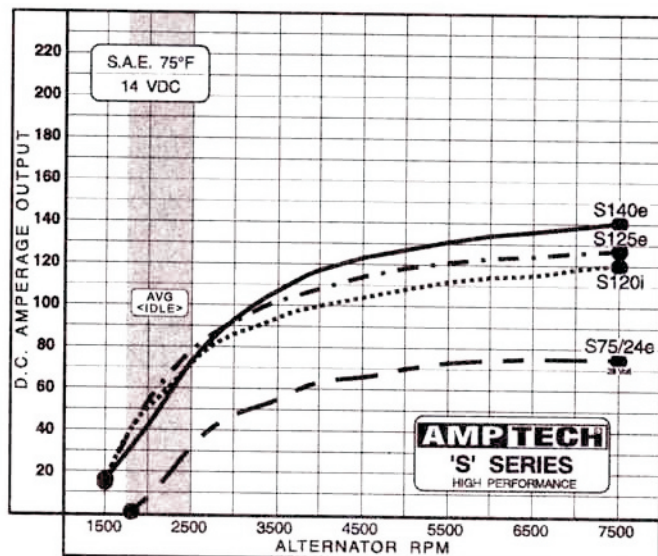
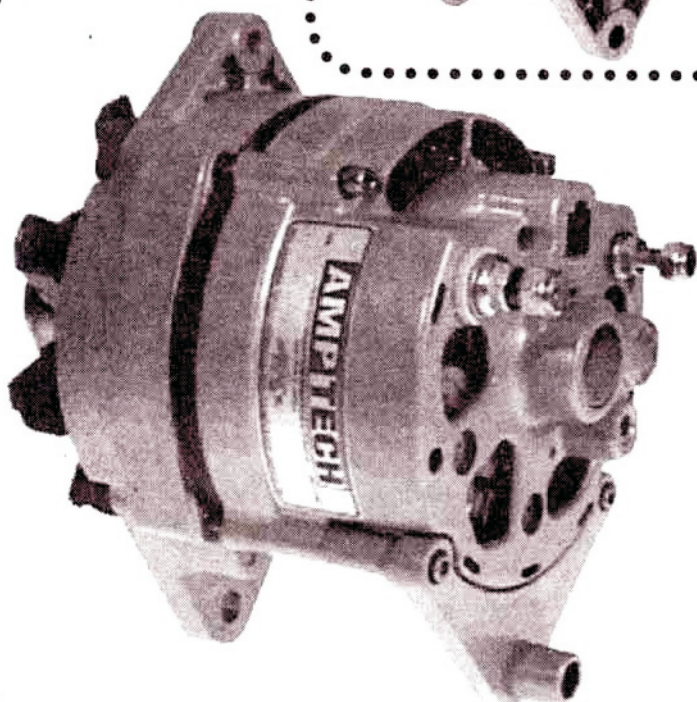
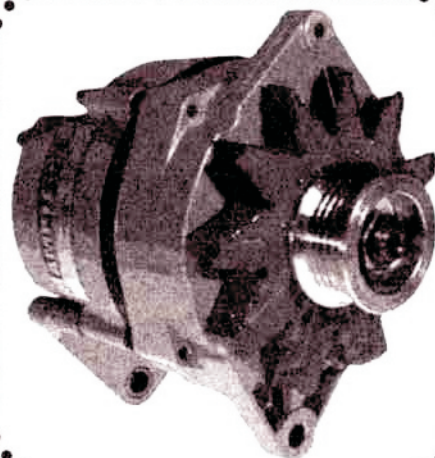
- All 'S' Series Negative Ground Alternators have the following features:
- Heavy duty high performance Small Case construction.
- 140 AMP 14 VDC small case
- 3 models S.A.E. Rated from 125 to 140 AMPS @ 75°F 108 to 118 AMPS @ 200°F.
- 'E' Models Externally regulated for stable output
- 6-50 amp Motorola press-fit diodes
- 5/16" positive battery post.
- 1/4" negative ground post.
- Precision balanced high output rotor.
- Exclusive 14 Gauge hand wound stator.
- Heavy duty bearings.
- Extended life copper composite brushes
- Ford, GM, Marine 1" Foot and Saddle mounts available
- 12 month/100,000 mile warranty.
- Marine Certified.
- Floating Ground - insulated return models available.

### INTERNALLY REGULATED ALTERNATOR

- S.A.E. Rated 120 AMPS @ 75°F 99 AMPS @ 200°F.
- Exclusive 14 Gauge hand wound stator.
- Internally Regulated
- Tachometer Pigtail
- 1/4" positive battery post
- Same standard features and mounting configurations as externally regulated models.
- 12 month/24,000 mile warranty.
- Marine Certified.

### 24 VOLT EXTERNALLY REGULATED

- 28 VDC small case
- S.A.E. Rated from 75 AMPS @ 75°F 65 AMPS @ 200°F.
- Same features as externally regulated models above.
- Floating Ground - insulated return models available.





# AMPTECH®

## HIGH OUTPUT ALTERNATORS

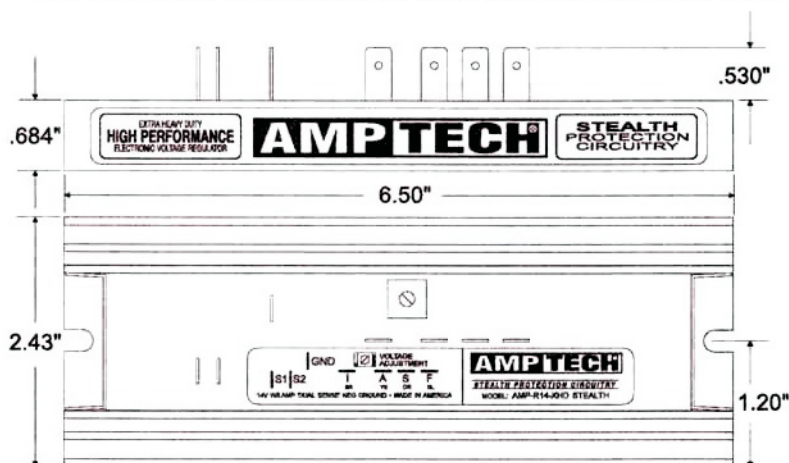
## ELECTRONIC VOLTAGE REGULATORS

### THE BATTERY REGULATION SOLUTION!

*If you have a police cruiser, ambulance, fire truck, shuttle bus, limousine, yacht or autosound competition vehicle, AMPTECH® delivers High Performance voltage regulation for your electrical charging needs. The AMPTECH® STEALTH regulator is a State-of-the-Art design for broad compatibility in all 12 volt DC vehicle charging applications requiring single or true Dual Battery sensing. The AMPTECH® STEALTH offers unmatched performance, system protection, quality and reliability at a competitive price.*

### AMPTECH® STEALTH DUAL SENSING HEAVY DUTY REGULATOR

- 14 VDC Extra Heavy Duty High Performance Electronic Voltage Regulator.
- State-of-the-Art Discrete Component Technology
- Extra Heavy duty high performance.
- Isolated Dual sensing circuitry for multiple batteries.
- Loss of sensing input protection circuitry..
- Works with any Externally regulated alternator
- Ultra low voltage saturation <0.2 volt.
- Corrosion resistant anodized deep fin aluminum heatsink.
- Custom tuned RFI supression circuit.
- Floating ground terminal.
- Field current short circuit protection.
- Motorola 30 AMP output transistor.
- Over voltage shutdown protection at 16.8V resets at 12.8V.
- Transient voltage spike protection.
- Indicator lamp circuit protection.
- Digital Dash Circuit compatible.
- Non-temperature compensated climate adjustment output voltage range of 13 to 16.5 VDC.
- Ground fault protection
- 6.5" L x 2.42" W x 1.25" H
- 12 month/100,000 mile warranty.
- Marine Certified.





# **AMPTECH®**

## **HIGH OUTPUT ALTERNATORS**

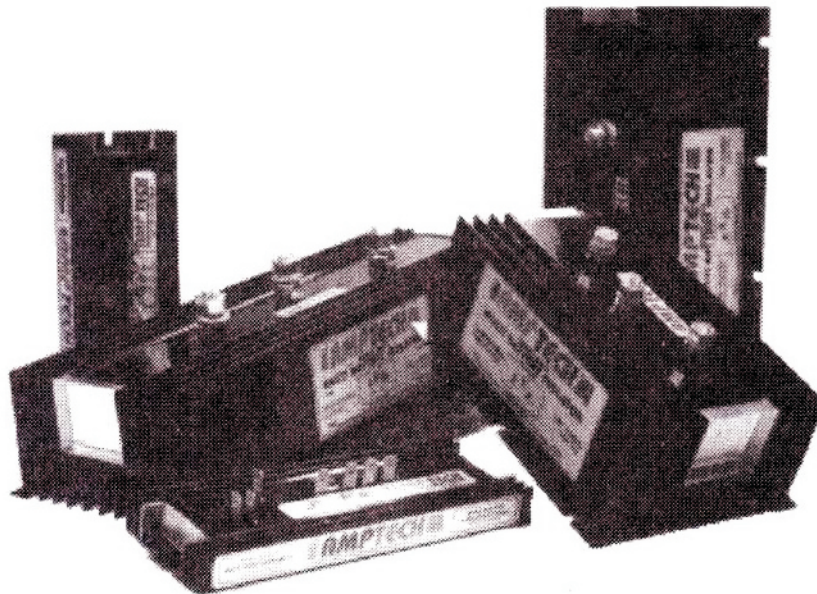
## **MULTI-BATTERY ISOLATORS**

### **ISOLATE YOUR BATTERY CHARGING PROBLEMS!**

*When your charging needs require more than one battery, AMPTECH Multi-battery Isolators will do the job. Our Solid State low loss circuitry assures you of unequalled dual battery charging. When regulated by the AMPTECH STEALTH Dual Sensing Regulator, you have the ultimate dual battery charging system.*

#### **AMPTECH® MULTI-BATTERY ISOLATOR FEATURES**

- Extra Heavy duty high performance.
- 100% Solid State circuitry.
- Isolated for multiple battery charging.
- Works with any alternator.
- Ultra low voltage saturation <0.6 volt.
- Corrosion resistant anodized deep fin aluminum heatsink.
- Motorola 50A-100PIV press fit diodes.
- 5-50 VDC rated capacity.
- Diode placement optimized for best Thermal Tracking.
- Rated output temperature range of -40°F to +250°F.
- Diodes are matched for current balance.
- Negative ground system.
- 12 month/50,000 mile warranty.
- Marine Certified.



*AMPTECH® Multi-Battery Isolators are featured with the AMPTECH® STEALTH Dual-Sensing Regulator. The STEALTH is a true dual sensing regulator that will maintain a balanced charge in a dual battery installation.*

#### **ISOLATOR SPECIFICATIONS**

##### **AMPTECH® AMP-B240IS**

- 240 AMP VDC · 4-50AMP Motorola diodes per bank.
- 12.00" L x 4.50" W x 3.25" H

##### **AMPTECH® AMP-B200IS**

- 200 AMP VDC · 4-50AMP Motorola diodes per bank.
- 9.00" L x 4.50" W x 3.25" H

##### **AMPTECH® AMP-B160IS**

- 160 AMP VDC · 3-50AMP Motorola diodes per bank.
- 9.00" L x 4.50" W x 3.10" H

##### **AMPTECH® AMP-B120IS**

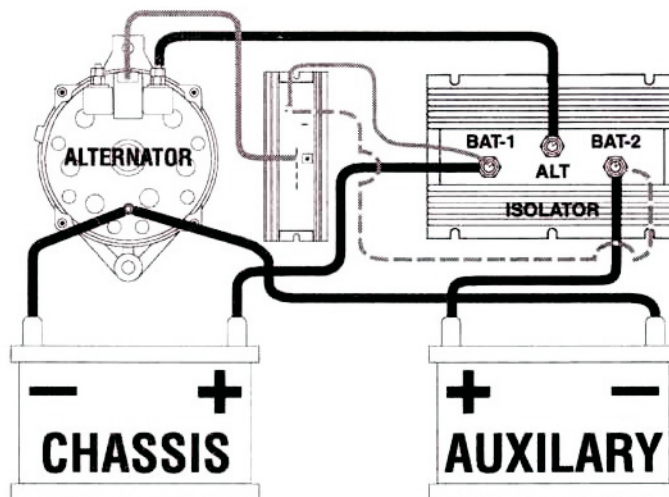
- 120 AMP VDC · 2-50AMP Motorola diodes per bank.
- 6.50" L x 4.50" W x 3.10" H

##### **AMPTECH® AMP-B95IS**

- 95 AMP VDC · 2-50AMP Motorola diodes per bank.
- 3.25" L x 4.50" W x 3.10" H

##### **AMPTECH® AMP-B70IS**

- 70 AMP VDC · 1-50AMP Motorola diodes per bank.
- 3.25" L x 4.50" W x 3.10" H



*Typical Installation of the AMPTECH® Multi-Battery Isolator with the AMPTECH® STEALTH Dual-Sensing Regulator.*



## AMPTECH® HAS A MODEL FOR EVERY APPLICATION!

## COMPARISON CHART OF AMPTECH HIGH PERFORMANCE ALTERNATORS

BOTH COLD AND HOT RATINGS TEST ARE CONDUCTED USING THE S.A.E. TESTING PROCEDURE

[illegible]

## HERE'S HOW AMPTECH® STACKS UP AGAINST THE COMPETITION!

	AMPTECH AMP-L200e		AMPTECH AMP-L160e		POWERLINE 24-119		LESTEK 9360D Single Output Mode		LESTEK 9360D Dual Output Mode	
RPM	AMP OUTPUT	DIODE	AMP OUTPUT	DIODE	AMP OUTPUT	DIODE	AMP OUTPUT	DIODE	AMP OUTPUT	DIODE
	200_F	TEMP	200_F	TEMP	200_F	TEMP	200_F	TEMP	200_F	TEMP
7500	182	274	149	256	142	313	140	266	140	303
7000	182	275	147	256	141	316	139	269	139	305
6500	181	277	145	257	140	322	137	274	137	310
6000	179	274	144	261	138	328	136	276	136	318
5500	175	275	142	263	136	333	134	279	134	321
5000	171	275	141	265	134	340	133	287	133	331
4500	167	279	139	269	131	343	132	293	132	342
4000	160	279	137	271	126	351	129	295	129	348
3500	149	280	132	276	119	358	124	305	124	350
3000	131	278	125	278	110	356	116	307	116	353
2500	103	264	111	279	93	338	102	306	102	351
2400	97	256	107	278	88	332	98	302	98	348
2100	69	226	93	272	72	310	84	283	84	331
2000	59	222	86	265	64	295	78	268	78	319
	HIGHEST AMP OUTPUT		AMPTECH AMP-L160e COMFORTABLY BEATS THE COMPETITION							
	HOTTEST DIODE TEMPERATURE		POWERLINE AND LESTEK DUAL OUTPUT ALTERNATORS EXCEED THE DIODE RATING THRESHOLD OF 300_F							
	AVERAGE IDLE RANGE		MOST DEMANDING ROTOR RPM SPEED, LOW AIR MOVEMENT, HEAVY AMP DEMAND.							



# Xtreme Charge®

## Smart, Safe and Simple Pulse Maintenance Charger

- Charges and maintains all VRLA, AGM & flooded cell 12-volt lead-acid batteries
- Extends battery life by up to five times with desulfating pulses

The Xtreme Charge® Pulse Maintenance Charger is an innovative, state-of-the-art battery charger that works on any 12-volt lead-acid VRLA, AGM or flooded battery. There's no guess work because the fuse-protected XC100-P is fully automatic and microprocessor-controlled. It cannot overheat, spark or overcharge the connected battery. Proprietary algorithms combined with microprocessor-controlled technology measure the battery's voltage and current to automatically determine and deliver the precise charge rate based on the size and condition of the individual battery, both initially and throughout the five-stage charge process. Status lights show when the unit is on, pulsing and charging, as well as the battery's state of charge, displayed as a percentage.

Xtreme Charge is more than a battery charger and maintainer, it extends a battery's life with patented Pulse Technology. High frequency pulsing cycles are imposed into the battery and work to continuously break up and reduce both the number and size of sulfation deposits on battery plates. These deposits decrease the battery's ability to accept, store and release energy. The result is a 12V battery that maintains its state of charge much longer and more readily accepts re-charge, dramatically extending battery life. The longer Xtreme Charge is attached, the better a battery becomes — even for months at a time.

Use the XC100-P on your auto, pickup truck, motorcycle, scooter, ATV, boat, personal watercraft and lawn mower. Five-year limited warranty.

### 100X010 XC100-P Xtreme Charge Charger



### Features

- A** Status light column shows you when the unit is pulsing and charging
- B** Battery light column indicates the percentage state of charge — 25%, 50%, 75% or 100%
- C** Main battery cable reaches 6 feet
- D** Both heavy-duty clamps and lugs attached to 2-foot cables
- E** Rugged plastic protective case
- F** Fuse-protected, quick-disconnect feature allows you to permanently attach lugs to the battery and easily switch between lugs and clamps
- G** 6-foot ac power cord

See Page 5  
For XC100 Accessories!



#### Kit Includes:

- (1) Battery Maintenance Charger, XC100-P
- (1) Battery Lead with Lugs, 2'
- (1) Battery Lead with Clips, 2'

## Xtreme Charge® Parallel Pulse Maintenance Charger

- Simultaneously charge and maintain multiple 12-volt lead-acid batteries connected in parallel
- Use on 18-wheelers, diesel pick-ups, generators and telecom battery back-up systems

With all the same features as the Xtreme Charge®, the XC-PARALLEL adds the ability to charge multiple batteries connected in parallel. No need to disconnect the batteries before charging or to have multiple chargers. The proprietary software has been modified specifically for parallel connected batteries



#### Kit Includes:

- (1) Parallel Battery Maintenance Charger, XC-PARALLEL
- (1) Battery Lead with Lugs, 2'
- (1) Battery Lead with Clips, 2'

and should not be used to charge a single battery. Works on any type of 12-volt lead-acid VRLA, AGM or flooded batteries. Five year limited warranty.

### 100X013 XC-PARALLEL Parallel Charger

## Battery Maintenance System

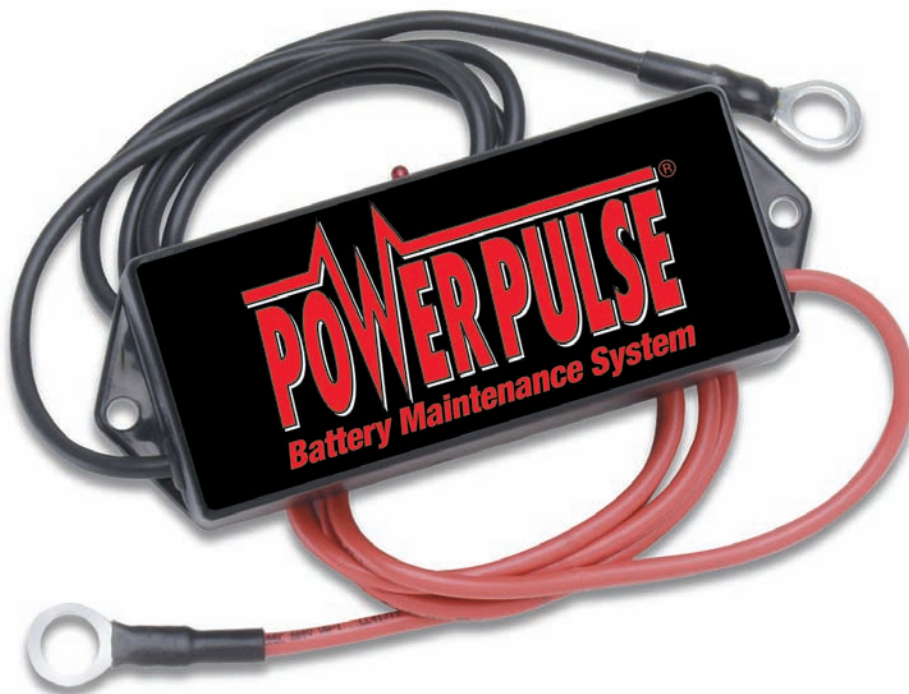
- Applies Patented Pulse Technology
- Works on all lead-acid batteries
- Available in 12-Volt, 24-Volt, 36-Volt and 48-Volt Configurations

PowerPulse is a battery maintenance system designed to ensure maximum battery performance in frequently used vehicles or pieces of equipment. It is not a charger, as charging doesn't eliminate the main cause of premature battery failures. Over time, lead plates inside a battery become increasingly clogged with microscopic lead sulfate deposits. These deposits limit the surface area available for energy transfer and cut back on the battery's ability to accept, store and release energy.

PowerPulse imposes high frequency pulsing cycles into batteries that work to continuously break up and reduce both the number and size of sulfation deposits on battery plates. This results in batteries that maintain their state of charge much longer and more readily accept re-charge, dramatically extending battery life, up to five times.

This small, weatherproof product is used as a supplement to your existing charging system. No electrical outlet is needed because PowerPulse draws a small portion of the current from the battery. Safe and reliable, it works on all lead-acid batteries, including conventional flooded, sealed maintenance-free, VRLA, AGM, gel cell, antimony, hybrid and calcium-plate designs.

Powerpulse is available in four configurations, including 12-volt, 24-volt, 36-volt and 48 volt. Each model has a five-year limited warranty.



**735X012 PP-12-L 12-Volt PowerPulse**

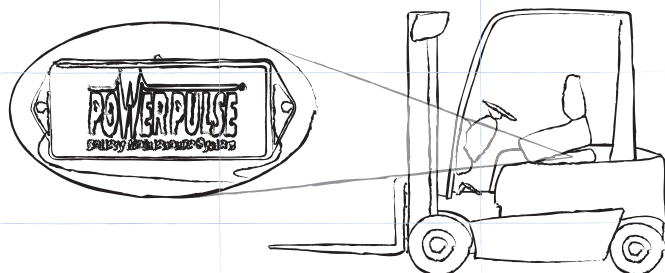
**735X024 PP-24-L 24-Volt PowerPulse**

**735X036 PP-36-L 36-Volt PowerPulse**

**735X048 PP-48-L 48-Volt PowerPulse**

## Specifications

POWERPULSE



Weight: 0.5 lbs

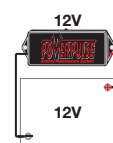
Circuit Box Dimensions: 4" L x 1.75" W x 1" H

Wire Length: 3'

Five-Year Limited Warranty

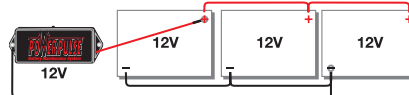
## Example PowerPulse Configurations

### Single Battery



A 12V PowerPulse for one 12V battery.

### Batteries in Parallel

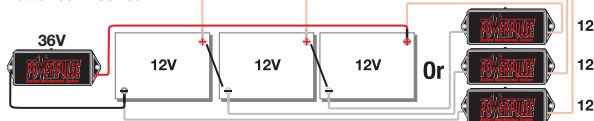


One 12-Volt PowerPulse for three 12-volt batteries in parallel.

### Batteries in Series/Parallel

Contact your battery professional or visit our website for more information about any other battery configuration not seen here.

### Batteries in Series



One 36-Volt PowerPulse for three 12-volt batteries connected in series or one 12-Volt PowerPulse *per* battery. Installing one PowerPulse *per* battery when connected in series increases performance by 33-50%.

**Please contact our technical department at 1-800-580-7554 with any questions.**



# SolarPulse® Solar Chargers

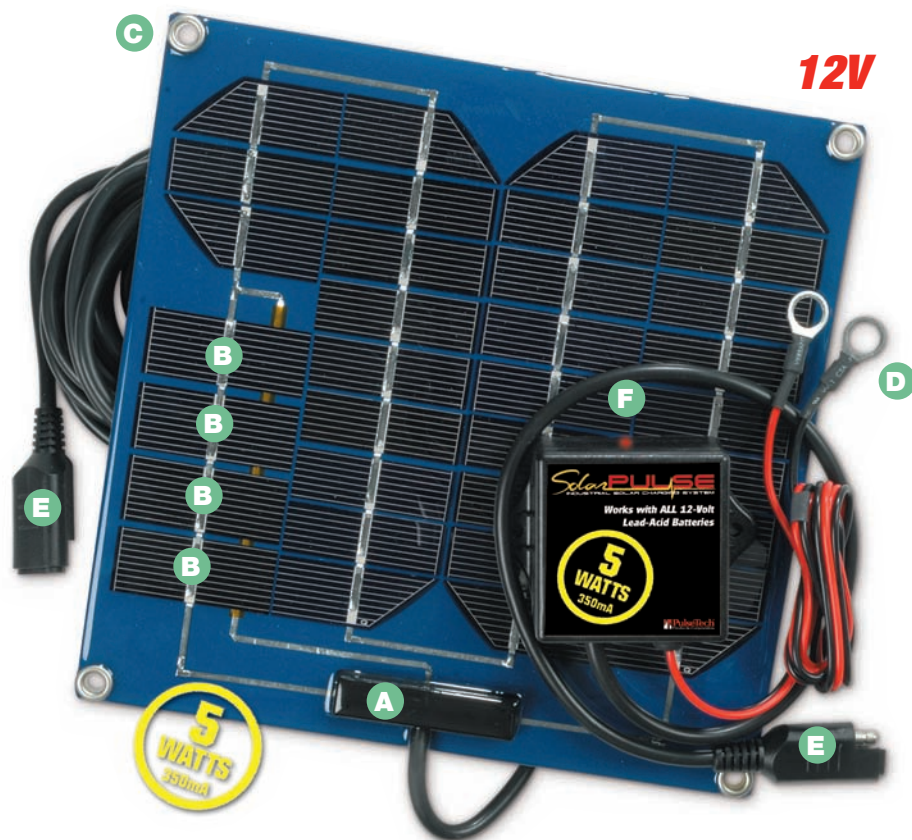
## Work with Every Type of 12-Volt Lead-Acid Battery

- Commercial-grade “crystalline” cells are 30% smaller per watt and twice as efficient as typical panels
- Charges and maintains the battery on seldom used vehicles and equipment
- Patented Pulse Technology continuously desulfates batteries as it charges to restore lost battery capacity

All of our SolarPulse® family models use the power of the sun combined with our patented optimized high frequency pulsing circuit to charge, maintain and condition your batteries and make them start when you need them.

If you've used solar chargers before, you know it's important to choose the right solar panel for the amount of power you need and that will fit the best mounting location. In the past, to get the power you need you had to struggle with panels that are too big, too bulky and too fragile. With SolarPulse, you can get the power you need with the most installation options for your outdoor vehicles or equipment. SolarPulse's higher efficiency, higher quality crystalline silicon cells pack more power per square inch than standard amorphous “thin film” solar cells and have a longer life. That means you can get the power you need in a sturdier, smaller sized solar panel.

Instead of a breakable glass coating, SolarPulse's solar panels are protected with a clear, polyurethane plastic coating to make them virtually indestructible and impervious to weather, aging and damage from bumps and knocks. Choose the power you need from 2-watt, 5-watt, 6-watt or 25-watt models.

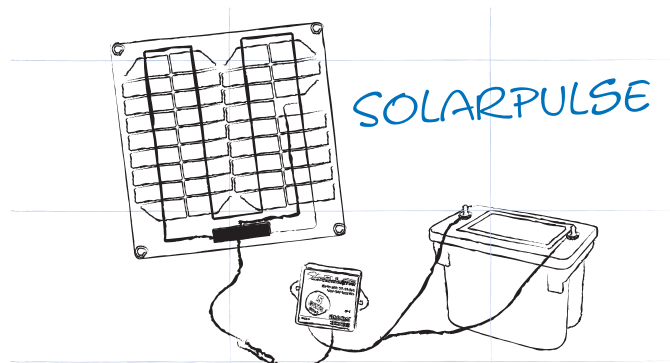


### Features

- |                                       |                                 |
|---------------------------------------|---------------------------------|
| <b>A</b> Top of panel connector       | <b>D</b> Heavy-duty lugs        |
| <b>B</b> Cells powering pulse circuit | <b>E</b> Weatherproof connector |
| <b>C</b> Reinforced mounting holes    | <b>F</b> Indicator LED          |

When the solar panel is attached, the indicator light shines brightly when the solar panel is in full sunlight and working at optimum. The LED blinks when the panel is exposed to partial sunlight and goes out at night.

### Specifications



**Max Charging DC Voltage:** 16.5 V dc,  
250 mA (SP2); 350 mA (SP5),  
400 mA (SP6), 1500 mA (SP25)

**Circuit Box Dim.:** 3.25" L x 2.25" W x 1.5" H  
(SP2, 2P5, SP6), 5.4" L x 2.5" W x 1.2" H (SP25)

**Reverse Polarity Protected:** Yes

**Wire Length:** Box to lug: 3 feet  
Box to panel: 17 feet (SP2, SP5)  
14 feet (SP6)  
25 feet (SP25)

### SolarPulse® Selection Guide

Key-Off Parasitic Loads (Daily Cumulative)	2 WATTS 250mA	5 WATTS 350mA	6 WATTS 400mA	25 WATTS 1500mA
0 to 20 mA (480 mAh)	✓	✓	✓	✓
0 to 40 mA (960 mAh)	✓	✓	✓	✓
0 to 60 mA (1.45 mAh)		✓	✓	✓
0 to 80 mA (1.92 Ah)		✓	✓	✓
0 to 100 mA (2.4 Ah)			✓	✓
>100 mA (>72.4 Ah)				✓

### Applications

- Gel Cell, Flooded or AGM Single Battery
- 12-Volt Parallel Connections
- 24-Volt Systems (One per 12V battery)