



# PowerMAX<sup>®</sup> Version 2

## TIRED OF "BOOST-A" DEVICES THAT DON'T **DELIVER?**

## OVERVIEW



### INTRODUCING **PowerMAX<sup>®</sup>** VERSION 2 DESIGNED TO OUT-PERFORM!



Since 2010, PowerMAX has set the standard for "Boost-A" devices. PowerMAX combines the best of two worlds into one product: Clean continuous voltage & the highest available amperage. PowerMAX Version 2 offers single or dual outputs along with multiple new features.

- Adjust the Voltage Ramp In / Out time, correct & eliminate fuel pressure spikes
- Single or Dual Input/Output Versions
- 4 models available for complete coverage
- LED to visually monitor the status of your PowerMAX "Boost-A" device
- New Enables 0-5V or *Optional* Internal Boost
- Works on all vehicles: Domestic & Imports
- Compatible with all 12V or 16V battery systems
- Plug & Play Versions
- Simple installation

#### FuelMAX™

Single or Dual Versions Available Plug and Play for Ford 2005-14 or Universal "Splice In" Design



Easily increase the output of ANY fuel pump by up to 80%!! Don't drop the fuel tank to install a new pump. Install PowerMAX to quickly increase the output of your fuel pump.

#### SparkMAX™

Universal "Splice In" 25 Volt or Race Inspired 31 Volt version



Increase the output of your Coil-On-Plug Ignition System or any Ignition System!! Eliminate spark blow out & increase fuel economy by running a wider gap on your spark plugs!!

#### IntercoolMAX™

Plug and Play • 2011-14 Shelby or Universal "Splice In" Design



Increase the efficiency of your intercooler without replacing the pump and lines. Increase horsepower by dropping your supercharger air-discharge temperature by up to 35F!

#### FanMAX™

Universal "Splice In" Design Single or Dual Versions Available



Quickly increase the output capacity of your cooling fan. Stop over-heating, FanMAX increases & regulates the voltage to your electric cooling fan(s).

## TECHNICAL SPECIFICATIONS

### SIMPLE INSTALLATION:

Choose the Plug & Play version or splice into your existing fuel pump, ignition system, intercooler pump or cooling fan via included installation kit.

### CASE / ENCLOSURE:

Industrial Black Heatsink with four mounting tabs.

### DIMENSIONS:

LENGTH: 4 7/8"  
WIDTH: 3 7/8"  
HEIGHT: 2 7/16"



Optional Remote Knob PM-2999

### OVERVIEW:

High Performance Digital Voltage Booster-Regulator  
Available with either *Single* or *Dual* Inputs & Outputs  
Trigger boosted output voltage via Ground or 0-5V sensor  
*Optional Trigger* via adjustable Internal Boost Sensor

### OUTPUT:

Continuous Output Rating: 31 AMPS @ 18V  
Peak Output Rating: 38 AMPS @ 18V (60 seconds)

### INPUT:

Input Voltage: 9.5V - 19V DC  
Input Fuse: 80 AMPS (dual) or 40 AMPS (single)

### MAXIMUM VOLTAGE OUTPUT FOR EACH MODEL:

FuelMAX: 22V or 18V (dual range • adjustable output)  
SparkMAX: 25V (adjustable output)  
SparkMAX Race: 31V (adjustable output)  
InterCoolMAX: 16V (continuous output)  
FanMAX: 15V (continuous output)

### COMPATIBILITY:

Compatible with all 12V or 16V battery systems (9.5V to 19V)



Available with either  
Single or Dual Inputs & Outputs

### LOWEST VOLTAGE DROP:

When PowerMax is not boosting output voltage, the voltage drop across the unit is only: 0.05V

### USER ADJUSTABLE OUTPUT VOLTAGE:

Adjust the output voltage via the knobs on the front panel.

Use the dip switches to save the voltage setting.

*Optional remote mounted voltage control knob* overrides saved voltage setting and can be adjusted from the driver's seat.

Adjustment range: 0% = 14.5V

100% = 18V, 22V, 25V or 31V (output model specific)

### STATUS LED:

Anytime the unit has power, the green LED will glow continuously. When boosting the output voltage, the green LED will flash slowly. While the output voltage is being adjusted via the front panel, the green LED will flash quickly.

After the front panel voltage values have been saved, the green LED will twinkle.

### ADJUSTABLE VOLTAGE RAMP-IN / RAMP-OUT (MODEL SPECIFIC):

Three different ways to Ramp-in and Ramp-out boosted voltage.

- Ramp-in the boosted voltage over time (Ground, or 0-5V trigger). Externally adjustable via dip switch settings. Time Settings: 0, 0.25, 0.50 and 0.75 seconds
- Ramp in the boosted voltage based on the 0-5V Voltage Trigger. Externally adjustable via dip switch settings. Range Settings: 0V, 0.5V, 1.0V and 1.5V
- Use the *optional internal boost sensor* to ramp in the boosted voltage based on manifold boost pressure (psi). Externally adjustable via dip switch settings. Range Settings: 0V, 4psi, 8psi and 12psi

### INSTALLATION KIT INCLUDED:

Enable wire harness, adapter fitting (1/8th NPT to barb), Hobbs switch preset @ 5psi (user adjustable 3-7psi), solder, heat shrink ring terminals, heat shrink wire splices, tie straps, self-tapping screws, vacuum line, 1/4" to 3/16" vacuum tee, 3/16" vacuum tee, 3/16 to 3/8" vacuum tee and 30 amp mini-fuse.

*Note: The installation kit is specific to each PowerMAX model.*



Works on all vehicles!  
Mustang, Camaro, Challenger,  
Trucks & Imports!