

extend
battery
life

POWER TAMER

15 MINUTE- 31 HOUR
PROGRAMMABLE BATTERY SAVER

Low 7 ma
standby
current

4 second
test mode
(all switches
off)

eliminate
monday
morning
battery
service calls

waterproof
construction
mounts
anywhere

- **DIGITAL DESIGN** - Provides reliability and dependability over wide temperature and voltage ranges
- **5 MILLIAMPS STANDBY CURRENT** - Low standby current is important when the vehicle is parked for extended times.
- **SELF-CONTAINED** - Requires no external solenoids.
- **SOLID STATE 30 AMP SERVICE** - Leading edge FET technology eliminates relays for most applications.
- **VERY COMPACT, MOUNTS ANYWHERE** - Cast aluminum box resists severe environments.
- **AUTOMATIC VOLTAGE SENSE** - Reliable voltage sensing knows when the engine is running.
- **PROGRAMMABLE FROM 15 MINUTES TO 31 HOURS**
- **WATER RESISTANT**

OPTIONAL DIRECT IGNITION SENSING
RECOMMENDED FOR EMERGENCY
VEHICLE APPLICATIONS

This feature overrides the auto sense circuit. You should connect this wire to the ignition circuit to guarantee turn on even if the alternator is not working.

Copeland Engineering, Inc.
PO Box 120036
Chula Vista, CA 91912-3136
Tel: 619.575.4600 • Fax: 619.575.4646
www.cope-eng.com
Call Us Toll Free
800.357.7514



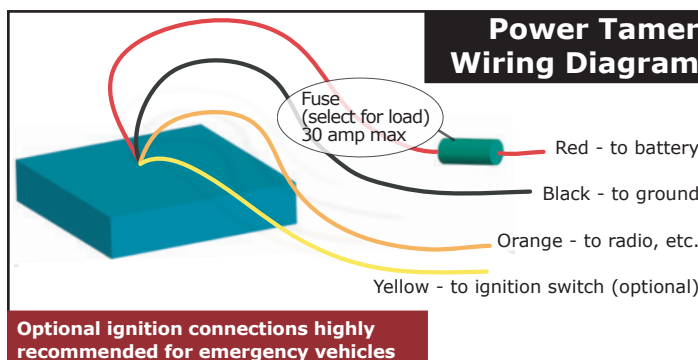
Dedicated to Providing the Highest Quality Motor
Vehicle Electrical Products and Customer Support

**TWO YEAR
WARRANTY**

POWER TAMER

INSTALLATION INSTRUCTIONS

POWER TAMER© is installed at any convenient location in the vehicle and wired according to the drawing below. In the auto sense mode (YELLOW wire not connected) POWER TAMER© senses the charging system pick-up (engine running) to turn equipment on. POWER TAMER© starts timing when the engine stops. If the "auto sense" mode is chosen, be sure to tape the YELLOW wire to prevent accidental grounding. If the YELLOW wire is connected to a circuit that is hot when the ignition switch is on, your equipment will come on immediately with the ignition.



- This configuration is recommended for emergency service vehicles to guarantee equipment operation in the event of alternator failure.

SETTING TIME DELAY

The time delay switches are on the bottom of the box. Using the table, the total delay is the sum of the time set for each switch placed "ON". [For **TEST** purposes, all switches **OFF** causes the Power Tamer to shut off in approximately 4-seconds.]

After setting the desired time, place the enclosed label over the switches.



TIME DELAY SWITCH VALUES

SWITCH 6 ON	SWITCH 6 OFF	Time Setting Examples
S1= 15 min	S1= 1Hour	S6, 5, 3 on = 5 Hours
S2= 1/2 Hour	S2= 2 Hour	S6, S1 on = 15 minutes
S3= 1 Hour	S3= 4 Hour	(Note switch 6 off = 4X delay)
S4= 2 Hour	S4= 8 Hour	S6 off, S1 on = 1 Hour
S5= 4 Hour	S5= 16 Hour	S6 off, S1, 2, 3 on = 7 Hours

► **THIS STEP IS EXTREMELY IMPORTANT. FAILURE TO COVER THE SWITCHES WILL VOID THE WARRANTY AND MAY CAUSE PREMATURE FAILURE DUE TO SWITCH CONTAMINATION.**

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