

Congratulations, you have just purchased the most effective technology available today for ensuring peak Lead-Acid battery performance and maximum service life from your battery.

Megapulse is not a charger. It is a proven electronic device which uses a patented Pulse Technology to make batteries work harder and last longer by preventing a common cause of premature battery failure: Sulfation build-up on the battery plates.

Pulse Technology has been Scientifically tested and proven by organisations around the world to be an effective remedy against Sulfation, a common cause of battery failure. Pulse Technology is in Military use today.

Installing Megapulse is quick and easy, it requires no special skills or tools.

Just follow the simple instructions.

Megapulse is designed to work with existing lead-acid charging systems (Alternators, Generators, Solar Panels, Battery Chargers) Megapulse must be installed directly on the battery.

Megapulse models are voltage specific, 12 volt models with only work with 12 volt system, 24 volt models with a 24 volt systems only and so on. Each Megapulse conditions up to 500 Ampere hour of battery capacity, adding a second unit will raise the rating to 1000 Ampere hour and so on.

Troubleshooting:

If unit does not activate it may be the following:

1. Unit connected incorrectly (reverse polarity).
2. Bad connection.
3. Battery has a short.
4. Battery voltage is below activation voltage.

Important:

Amp Hour is the rating of reserve capacity for auxiliary applications and is not to be confused with CCA the rating for engine starting applications.

Although Megapulse will help to reduce electrolyte boil-off, levels should still be checked monthly.

Because of the possibility of injury, always use caution when working with batteries.

Pulsating DC current produced by this product may interfere with the correct operation of some electronic devices when the unit is placed near the antenna. Install the unit a way from the antenna.

Ensure the unit is fixed clear of any moving parts and wires are zip tied to avoid damage.

Use soapy water to clean unit. Do not use solvents.

Warranty:

Megapulse is covered by a full replacement 5 year Warranty, this warranty covers any defect in workmanship and materials. The warranty does not cover: misuse, neglect, accident, alteration or abnormal condition of operating or handling. No warranty exists for usage outside specifications.

For warranty replacement return unit to any Megapulse Reseller.

Megapulse is moisture, dust and vibration proof. The unit is protected against accidental reverse polarity connection. The total device power consumption is approx 30 Milliamp (12v).

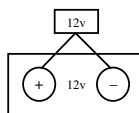
Megapulse is equipped with an activation voltage switch allowing either Low or High activation selection. Select Low for Auxiliary, Deep Cycle and large battery bank installation. Select High activation for Engine Starting applications.

Megapulse is equipped with a Battery Health Detection System, enabling the unit to read the battery and automatically adjust the pulse output to achieve maximum health in the least amount of time. Megapulse is also equipped with a pulse level display employing three LED (Light Emitting Diode)

Green (Low) - Yellow (Medium) - Red (High)

Directions:

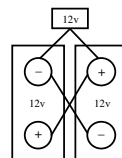
Single 6 or 12 volt battery



Remove nuts from the battery clamps. Do not remove clamps from the battery, attach the eyelet connector of the Red (+) wire onto the bolt of the positive post clamp. Repeat for Black (-) wire attaching it to the bolt of the negative post clamp. Fasten the unit via screws or zip ties or by using silicone to glue unit in place.

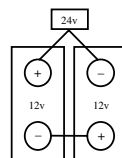
Two 6 or 12 volt batteries in parallel

Attach the eyelet connector of the Red (+) wire onto the bolt of the positive post clamp of the first Battery, repeat for Black (-) wire attaching it to the bolt of the negative post clamp of the second Battery.



Two 12 volt batteries in series = 24v

Attach the eyelet connector of the Red (+) wire onto the bolt of the positive post clamp of the first Battery, repeat for Black (-) wire attaching it to the bolt of the negative post clamp of the second Battery.

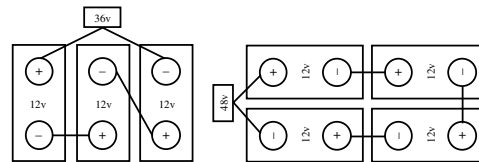


Three 12v in series = 36v

Four 12v in series = 48v

Attach the eyelet connector of the Red (+) wire onto the bolt of the positive post clamp of the first Battery, repeat for Black (-) wire attaching it to the bolt of the negative post clamp of the last battery.

Same method applies to battery banks using 2 volt cells.



Caution:

Megapulse is supplied with wires 300mm in length. The wires deliver the pulse. The wires must not be lengthened as doing so will result in loss of efficiency and void warranty.

For recovery of severely sulphated batteries, remove battery from vehicle before attaching Megapulse and battery charger or alternatively disconnect battery leads.

ACTIVATION VOLTAGES

| | | |
|----------|------------------|-------------------|
| 6 volt: | Low 5.30v | High 6.3v |
| 12 volt: | Low 10.5v | High 12.5v |
| 24 volt: | Low 21.5v | High 25.2v |
| 36 volt: | Low 31.7v | High N/A |
| 48 volt: | Low 42.0v | High N/A |

Megapulse

Internet: www.megapulse.net

Email: info@megapulse.net

MEGAPULSE MKII
Battery Life MAXIMIZER



Installation and User Guide