Battery Management Kits

Recover, Reuse and Reduce

Our BMP Kits allow you to set up a battery testing, recovery and recharge operation in your shop which adheres to the diagnostic, preventative and corrective maintenance portion of the Battery Management Program. This is important as it allows you to **RECOVER** old batteries and extend battery life so you can **REUSE** them instead of sending them to your bone pile. This lets you **REDUCE** your hazardous waste and your carbon footprint.

Which BMP Kit is Right for You?

Kit	Batteries Discarded Each Month	Recovery Charger	Battery Maintainer	Battery Tester
BMP-1 746X201	50+	SC-12	PRO-12-RP	777P-PT
BMP-2 746X202	25-50	SC-6	PRO-12-RP	390PT
BMP-3 746X203	1-25	SC-2	PRO-12-RP	390PT

Xtreme Charge Battery Charger XC400

Charge and maintain ANY 12-volt lead-acid battery. Minimizing the lead sulfate crystals allows the battery to accept more power.

Part No: 200X010 Model: **XC400**

XC-QL4 QuadLink 4-Channel Battery Charger

Maintain large multiple battery packs 12, 24, 36 and 48V packs during extended non-use periods. Maintain up to four individual vehicles/batteries with a single charger.

Part No: 100X004 Model: **XC-QL4**

Pulse Technology is the Secret to our Success

Our patented Pulse Technology is the ultimate solution for solving the sulfation problem.

- ***Safely remove sulfate crystal buildup on battery plates***
- ***Allow more room for the energy exchange to continue***
- ***Prevent new sulfate crystals from forming***
- ***Extend battery life by up to three times***

Visual Proof of Pulse Technology Results

The photos below are from an independent study comparing Pulse Technology to conventional battery charging. The photos show actual battery plates after various charge and discharge cycles, which reveal the benefits of charging with Pulse Technology versus charging with a conventional charger. The top row shows plates from actual batteries charged using PulseTech's patented Pulse Technology. The bottom row shows plates from batteries charged with a competitor's conventional charger. Note the development of lead-sulfate on the conventionally charged plates in the bottom row.

Even after hundreds of cycles, the batteries charged using Pulse Technology have no sulfate accumulation, ensuring the batteries will still perform at maximum peak capacity.

12-Volt Lead-Acid Batteries Charged with PulseTech Charger

New – Never Filled 0 Cycles | 120 Cycles | 240 Cycles | 360 Cycles | 480 Cycles

12-Volt Lead-Acid Batteries Charged with Typical Charger

PulseTech™ PRODUCTS CORPORATION

pulsetech.com (800) 580-7554

Natural_Disaster_Expo_Tri_01/23v3

BE PREPARED

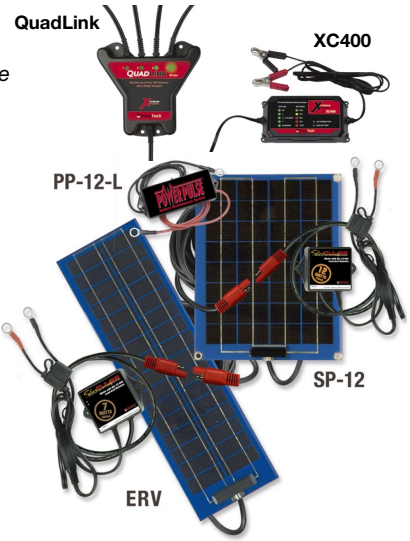
Solar Pulse Chargers and Xtreme Charge Battery Recovery & Maintenance Chargers

Emergency vehicles utilize many accessories from emergency lights to K-9 auxiliary air conditioning units to cameras. These devices all have one thing in common – putting extra demands on the vehicle's lead-acid batteries. PulseTech's products offset the higher parasitic load emergency vehicles produce, replacing the power lost from electrical accessories that occurs even when the ignition is switched off.

Batteries charge faster, last longer and hold more power when PulseTech's recovery chargers and maintainers are used.

Additional benefits:

- *Improves battery voltage*
- *Improves battery CCAs*
- *Extends battery life by 3 times*
- *Reduces carbon footprint*
- *Removes sulfates from the battery plates*
- *Drastically reduces jumpstarts and your battery budget*
- *Equipment readiness*
- *Critical response*
- *Being prepared*



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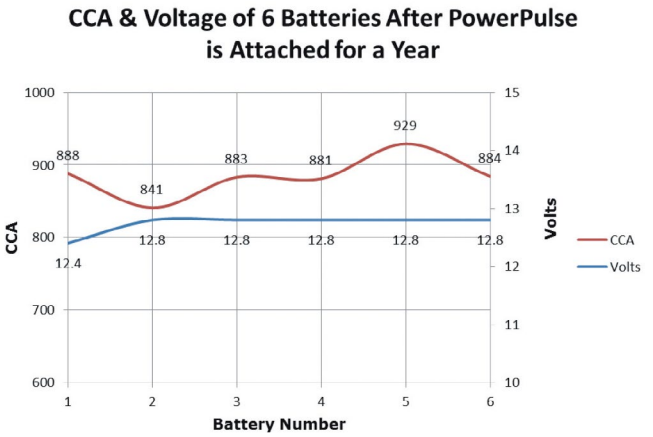
pulsetech.com (800) 580-7554

Texas Fire Department Experiences 74% Savings in Battery Costs

One Texas Fire Department historically replaced the 6 batteries in each fire engine every 15-20 months at a cost of $570 per engine. In an effort to save money they installed PowerPulse units on each engine to increase the efficiency and life span of the batteries.



A full year after installation, the 6 batteries all showed a higher CCA (Cold Cranking Amp) and voltage reading than when they were brand new. In this case study, the Texas Fire Department extended the lifespan of their batteries and saw a 74% savings in battery costs over a 5 year period.

PowerPulse 12V Battery Maintenance System

Selected as a Top 50 Product by Automotive Engineering magazine the PowerPulse is designed especially for frequently-charged 12-volt battery systems. It is a performance enhancing device that helps batteries charge faster, last longer and provide maximum performance and power.

Part No: 735X012 Model: **PP-12-L**

SolarPulse ERV 12V Battery Solar Charger Maintainer, 7-Watt

The ERV 7-Watt 12-Volt Solar Battery Charger Maintainer restores and maintains the normal loss of 12-volt lead-acid battery power on emergency rescue and law enforcement vehicles with high parasitic drain without access to electrical power. The 12V ERV unique rectangular clear polyurethane plastic coated, virtually indestructable, solar panel is designed to fit on any light bar. It withstands weather, age, bumps and knocks.

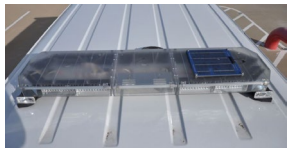
Part No: 735X613
Model: **12V ERV UNIT**

SolarPulse SP-12 12V Battery Solar Charger Maintainer, 12W

The SP-12 SolarPulse Battery Charger is designed to supply pulsed current to charge, maintain and desulfate any 12V lead-acid batteries including VRLA, AGM, Gel and flooded cell on outdoor vehicles and equipment, without danger of overcharging or overheating. This solar battery charger maintainer is protected with a clear polyurethane plastic coating that makes it virtually indestructible. The SP-12 12-Watt solar panel dimensions are 12.41"L x 9.85"W x 1.5"H.

Part No: 735X468 Model: **SP-12**

SolarPulse SP-7 12V Battery Solar Charger Maintainer, 7W

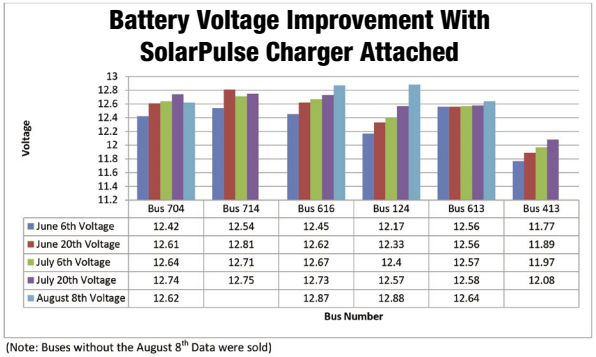


The SP-7 7-Watt 12-Volt Solar Battery Charger Maintainer provides 7 watts of power in a compact, durable 8.75" x 8.75" x 0.125" solar panel. Its size and eyelet holes allow for multiple installation options. The SP-7 replaces parasitic power loss and extends battery life. Ten year limited warranty.

Part No: 735X467 Model: **SP-7**

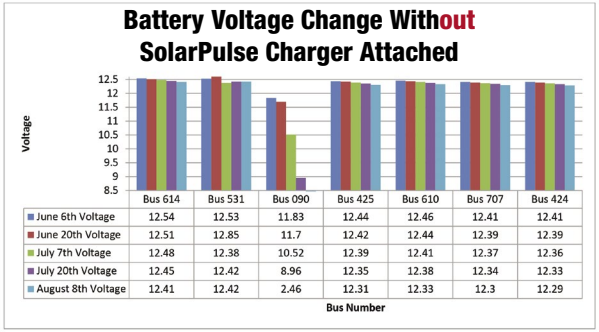
Effectiveness of PulseTech's SolarPulse 12V Solar Charger Maintainer

Batteries were tested on multiple buses with SP-5s installed and multiple buses with no SP-5s installed. In as little as two weeks, dramatic battery voltage and CCA (cold cranking amps) improvement was seen in buses with SP-5s installed in contrast to the other buses, which showed a decrease in voltage and CCA across the board.



	Bus 704	Bus 714	Bus 616	Bus 124	Bus 613	Bus 413
June 6th Voltage	12.42	12.54	12.45	12.17	12.56	11.77
June 20th Voltage	12.61	12.81	12.62	12.33	12.56	11.89
July 6th Voltage	12.64	12.71	12.67	12.4	12.57	11.97
July 20th Voltage	12.74	12.75	12.73	12.57	12.58	12.08
August 8th Voltage	12.62		12.87	12.88	12.64	

(Note: Buses without the August 8th Data were sold)



	Bus 614	Bus 531	Bus 090	Bus 425	Bus 610	Bus 707	Bus 424
June 6th Voltage	12.54	12.53	11.83	12.44	12.46	12.41	12.41
June 20th Voltage	12.51	12.85	11.7	12.42	12.44	12.39	12.39
July 7th Voltage	12.48	12.38	10.52	12.39	12.41	12.37	12.36
July 20th Voltage	12.45	12.42	8.96	12.35	12.38	12.34	12.33
August 8th Voltage	12.41	12.42	2.46	12.31	12.33	12.3	12.29