

Battery Saver™
Extends Battery Life
PREMIUM VEHICLE BATTERY CHARGERS, MAINTAINERS AND TESTERS

FEATURING...

PULSE
TECHNOLOGY

CHARGERS

MAINTAINERS

TESTERS

JUMP STARTERS



Letter from the Battery Saver President

Dear Valued Customer,

I'd like to take this opportunity to thank you for your interest in the Battery Saver™ line of battery tools. We offer a wide variety of products designed to charge, maintain and test your vehicle's battery. The key to our charging and maintaining products is the advanced micro-processor which monitors and regulates the unit to maximize the effectiveness of the voltage output while keeping the device more energy efficient than any other similar product on the market. This advancement in technology also allows for all of our chargers and maintainers to desulfate the battery using our patented AUTO-PULSE™ and in the case of our dual voltage units, to switch automatically between voltages. Smart. Many of our products also feature our signature built-in LCD digital battery tester. This provides additional functionality as you can now simply and easily read the condition of your vehicle's battery, while the LCD model unit is attached to your battery. For questions or more information, please feel free to call us, email us or send us a message on social media.

Best regards,

Frank Gabrielli

Table of Contents

Chargers, Maintainers and Testers:

10 Watt Maintainer with Tester (1 Small Battery) -- 6/12 Volt.....2
25 Watt Maintainer with Tester (1-2 Batteries) -- 6/12 Volt.....3
50 Watt Charger, Maintainer & Tester (1-6 Batteries) -- 6/12 Volt.....4
50 Watt Charger, Maintainer & Tester (24 Volt).....5
50 Watt Charger, Maintainer & Tester (36 Volt).....6
50 Watt Charger, Maintainer & Tester (48 Volt).....7

Jump Starters:

4000 MhA Portable Jump Starter and Emergency Power Station.....8

Testers:

Digital CCA Battery Tester & Jump-Cable with Digital Battery Tester.....9

Cables & Accessories:

Cables, Extensions, Power Cords, Test Probes, Etc.10

What Makes Us Better:

The Importance of Pulse and Why It Provides Better Results.....11

Comparison Chart:

Us VS. Them.....12

10 WATT 6 & 12V MAINTAINER & TESTER

MAINTAINS A SINGLE BATTERY

PERFECT FOR:

GEN. 3

MAINTAINER & TESTER

10 WATT 6 & 12 VOLT



MOTORCYCLES



ATVS



SNOWMOBILES



JET SKIS



VINTAGE CARS



COMPACT CARS



**PERFECT FOR
MOTORCYCLES,
ATVS, JET SKIS
& MORE!**

\$59.95

#1000L

- Built-in Modular 12' DC Battery Connection Extension Cable
- Perfect for Vehicles with No Power Draw
- Pulse Desulfation Technology -- Extends Battery Life
- Built-in LCD Digital Battery Tester (Tests The Battery, Load Tests & Tests The Charging System)
- Prevents Premature Battery Replacement
- Works with SLA, GEL, Dry Cell, AGM, Deep Cycle, and Spiral Cell Batteries.
- Plugs Directly Into The Wall -- Plug and Play



SPECIFICATIONS:

INPUT CHARACTERISTICS: AC INPUT: 90 - 264V AC FREQUENCY: 47Hz - 63 Hz
INPUT CURRENT: .25 AMPS **HOLD UP TIME:** 8mSEC
PROTECTION: INPUT FUSED .750 AMPS (OC) OVER CURRENT (OV) OVER VOLTAGE (SC) SHORT CIRCUIT (RP) REVERSE POLARITY
OUTPUT CHARACTERISTICS: 06.8 VDC .75 AMPS - 10 WATT (P/N 1000)
 13.6 VDC .75 AMPS - 10 WATTS (P/N 1000) **RIPPLE & NOISE** 120 mV or less
ENVIRONMENT: 0 - 40 DEGREES(C), 20 - 80% HUMIDITY
WARRANTY: 12 MONTH LIMITED WARRANTY
DIMENSIONS: 1 LBS - 4.0" X 2.5" X 1.5"



Included Cables:
 2' Alligator Clip-On Cable,
 2' Terminal LUG Cable
 & 12' Built-In Extension Cable

PERFECT FOR:

25 WATT 6 & 12V CHARGER, MAINT. & TESTER

MAINTAINS UP TO 2 BATTERIES

GEN. 3



CARS



MUSCLE CARS



TRUCKS



SUVS



BOATS



TRACTORS



MOTORCYCLES

CHARGER, MAINTAINER & TESTER

25 WATT 6 & 12 VOLT

PERFECT FOR
LARGE TRUCKS,
SUVS, RVs &
BOATS!



\$119.95

#3015L

- Pulse Desulfation Technology -- Extends Battery Life
- Built-in LCD Digital Battery Tester (Tests The Battery, Load Tests & Tests The Charging System)
- Prevents Premature Battery Replacement
- Perfect for Long-Term Maintaining Up To Two Batteries In A Vehicle
- Works with SLA, GEL, Dry Cell, AGM, Deep Cycle, and Spiral Cell Batteries.
- Safe! Reverse Polarity Protection, No-Sparks

SPECIFICATIONS:

INPUT CHARACTERISTICS: AC INPUT: 90 - 264V AC FREQUENCY: 47Hz - 63 Hz
INPUT CURRENT: 1.5 AMPS **HOLD UP TIME:** 8mSEC
PROTECTION: INPUT FUSED .750 AMPS (OC) OVER CURRENT (OV) OVER VOLTAGE (SC) SHORT CIRCUIT (RP) REVERSE POLARITY
OUTPUT CHARACTERISTICS: 06.8 VDC 1.25 AMPS - 25 WATT (P/N 3015L)
 13.6 VDC 1.25 AMPS - 25 WATT (P/N 3015L) **RIPPLE & NOISE** 120 mV or less
ENVIRONMENT: 0 - 40 DEGREES(C), 20 - 80% HUMIDITY
WARRANTY: 12 MONTH LIMITED WARRANTY
DIMENSIONS: 2 LBS - 5.25" X 3" X 1.5"



Included Cables:
 6' Alligator Clip-On Cable,
 2' Terminal LUG Cable
 6' AC Power Cable
 & Mounting Bracket

50 WATT 6 & 12V CHARGERS, MAINT. & TESTERS

MAINTAINS UP TO 6 BATTERIES

PERFECT FOR:

GEN. 3

CHARGER, MAINTAINER & TESTER

50 WATT



PERFECT FOR SEMI TRUCKS, BOATS & CARS!



SPORTS CAR



SEMI TRUCKS



RVs & BUSES



FARM EQUIPMENT



BOATS



TRACTORS



TRUCKS



ZAMBONIS

#2365L

\$169.95

- More Powerful! Capable of Charging Weak Batteries
- Pulse Desulfation Technology -- Extends Battery Life
- Built-in LCD Digital Battery Tester (Tests The Battery, Load Tests & Tests The Charging System)
- Prevents Premature Battery Replacement
- Perfect for Long-Term Maintaining Up To Six Batteries In A Vehicle
- Works with SLA, GEL, Dry Cell, AGM, Deep Cycle, and Spiral Cell Batteries.
- Safe! Reverse Polarity Protection, No-Sparks

SPECIFICATIONS:

INPUT CHARACTERISTICS: AC INPUT: 90 - 264V AC FREQUENCY: 47Hz - 63 Hz
INPUT CURRENT: 1.5 AMPS **HOLD UP TIME:** 8mSEC
PROTECTION: INPUT FUSED .750 AMPS (OC) OVER CURRENT (OV) OVER VOLTAGE (SC) SHORT CIRCUIT (RP) REVERSE POLARITY
OUTPUT CHARACTERISTICS: 06.8 VDC 1.25 AMPS - 50 WATT (P/N 2365L)
 13.6 VDC 1.25 AMPS - 50 WATT (P/N 2365L) **RIPPLE & NOISE** 120 mV or less
ENVIRONMENT: 0 - 40 DEGREES(C), 20 - 80% HUMIDITY
WARRANTY: 12 MONTH LIMITED WARRANTY
DIMENSIONS: 2.5 LBS - 5.75" X 3.25" X 1.75"



Included Cables:
 6' Alligator Clip-On Cable,
 6' Terminal LUG Cable
 6' AC Power Cable
 & Mounting Bracket

PERFECT FOR:

50 WATT 24V CHARGERS, MAINT. & TESTERS

MAINTAINS 2 TO 4 BATTERIES



AIRCRAFT



MILITARY



HELICOPTERS



RVS



DIESEL TRUCKS



MOBILITY CART

GEN. 3

CHARGER, MAINTAINER & TESTER

50 WATT 24 VOLT



#2365L-24

\$189.95

- Capable of Maintaining Several Batteries in a 24 Volt System
- Pulse Desulfation Technology -- Extends Battery Life
- Built-in LCD Digital Battery Tester (Tests The Battery, Load Tests & Tests The Charging System)
- Prevents Premature Battery Replacement with Proper Use
- Perfect for Long-Term Maintaining Once Maintainer Reaches FULL
- Works with SLA, GEL, Dry Cell, AGM, Deep Cycle, and Spiral Cell Batteries.
- Safe! Reverse Polarity Protection, No-Sparks

SPECIFICATIONS:

INPUT CHARACTERISTICS: AC INPUT: 90 - 264V AC **FREQUENCY:** 47Hz - 63 Hz
INPUT CURRENT: 50 WATTS **HOLD UP TIME:** 8mSEC
PROTECTION: INPUT FUSED .750 AMPS (OC) OVER CURRENT (OV) OVER VOLTAGE (SC) SHORT CIRCUIT (RP) REVERSE POLARITY
OUTPUT CHARACTERISTICS: 27.8 VDC 2.08 AMPS - 50 WATT (P/N 2365L-24)
RIPPLE & NOISE 120 mV or less
ENVIRONMENT: 0 - 40 DEGREES(C), 20 - 80% HUMIDITY
WARRANTY: 12 MONTH LIMITED WARRANTY
DIMENSIONS: 2.5 LBS - 5.75" X 3.25" X 1.75"



Included Cables:
 6' Alligator Clip-On Cable,
 6' Terminal LUG Cable
 6' AC Power Cable
 & Mounting Bracket

50 WATT 36V CHARGERS, MAINT. & TESTERS

MAINTAINS 3 TO 6 BATTERIES

PERFECT FOR:

GEN. 3

CHARGER, MAINTAINER & TESTER

50 WATT 36 VOLT



GOLF CARTS



FORK LIFTS



RVS & BUSES



SCISSOR LIFTS



SWEEPER



INDUSTRIAL EQUIPMENT

\$189.95

#2365L-36

- Capable of Maintaining Several Batteries in a 36 Volt System
- Pulse Desulfation Technology -- Extends Battery Life
- Built-in LCD Digital Battery Tester (Tests The Battery, Load Tests & Tests The Charging System)
- Prevents Premature Battery Replacement with Proper Use
- Perfect for Long-Term Maintaining Once Maintainer Reaches FULL
- Works with SLA, GEL, Dry Cell, AGM, Deep Cycle, and Spiral Cell Batteries.
- Safe! Reverse Polarity Protection, No-Sparks

SPECIFICATIONS:

INPUT CHARACTERISTICS: AC INPUT: 90 - 264V AC FREQUENCY: 47Hz - 63 Hz
INPUT CURRENT: 50 WATTS HOLD UP TIME: 8mSEC
PROTECTION: INPUT FUSED .750 AMPS (OC) OVER CURRENT (OV) OVER VOLTAGE (SC) SHORT CIRCUIT (RP) REVERSE POLARITY
OUTPUT CHARACTERISTICS: 40.8 VDC 1.34 AMPS - 50 WATT (P/N 2365L-36)
RIPPLE & NOISE 120 mV or less
ENVIRONMENT: 0 - 40 DEGREES(C), 20 - 80% HUMIDITY
WARRANTY: 12 MONTH LIMITED WARRANTY
DIMENSIONS: 2.5 LBS - 5.75" X 3.25" X 1.75"



Included Cables:
 6' Alligator Clip-On Cable,
 6' Terminal LUG Cable
 6' AC Power Cable
 & Mounting Bracket

PERFECT FOR:

50 WATT 48V CHARGERS, MAINT. & TESTERS

MAINTAINS 4 TO 8 BATTERIES

GEN. 3

CHARGER, MAINTAINER & TESTER

50 WATT 48 VOLT



GOLF CARTS



INDUSTRIAL EQUIPMENT



FORK LIFTS



HYDRAULICS



SCISSOR LIFTS



SWEEPER



#2365L-48

\$189.95

- Capable of Maintaining Several Batteries in a 48 Volt System
- Pulse Desulfation Technology -- Extends Battery Life
- Built-in LCD Digital Battery Tester (Tests The Battery, Load Tests & Tests The Charging System)
- Prevents Premature Battery Replacement with Proper Use
- Perfect for Long-Term Maintaining Once Maintainer Reaches FULL
- Works with SLA, GEL, Dry Cell, AGM, Deep Cycle, and Spiral Cell Batteries.
- Safe! Reverse Polarity Protection, No-Sparks

SPECIFICATIONS:

INPUT CHARACTERISTICS: AC INPUT: 90 - 264V AC **FREQUENCY:** 47Hz - 63 Hz
INPUT CURRENT: 1.5 AMPS **HOLD UP TIME:** 8mSEC
PROTECTION: INPUT FUSED .750 AMPS (OC) OVER CURRENT (OV) OVER VOLTAGE (SC) SHORT CIRCUIT (RP) REVERSE POLARITY
OUTPUT CHARACTERISTICS: 54.4 VDC 1.04 AMPS - 50 WATT (P/N 2365L-48)
RIPPLE & NOISE: 120 mV or less
ENVIRONMENT: 0 - 40 DEGREES(C), 20 - 80% HUMIDITY
WARRANTY: 12 MONTH LIMITED WARRANTY
DIMENSIONS: 2.5 LBS - 5.75" X 3.25" X 1.75"



Included Cables:
 6' Alligator Clip-On Cable,
 6' Terminal LUG Cable
 6' AC Power Cable
 & Mounting Bracket

4000 A MICRO JUMP VEHICLE STARTER

WITH USB PORTS FOR DEVICE CHARGING

12 & 16 VOLT

INSTANTLY JUMP STARTS DEAD BATTERIES



\$249

4000 A JUMP STARTER

#5260

- More Powerful Instantly Jump Starts A Dead 12 Volt Vehicle Battery
- Better Battery Life Means More Jumps Before Recharge
- Includes High End Jump Start Protection Cable
- USB Ports for On-The-Go Device Charging
- Built-in Tactical Multi-Function Flashlight

IF THIS CAN'T JUMP START YOUR BATTERY, NOTHING CAN!

HOW TO USE:



1. CONNECT THE BATTERY CLIP



2. CONNECT THE CAR BATTERY



3. POWER ON THE CAR



4. REMOVE THE POWER SHELF

Included Cables:
 Protection Jump Cable
 3 in 1 USB Charge Cable
 Cigarette Lighter Power Cable
 Padded Carrying Case

INSTANT FIX

BRING YOUR BATTERY TO LIFE IN SECONDS!

SAFELY JUMP STARTS YOUR DEAD BATTERY!



QUICKLY CHARGES MULTIPLE USB DEVICES



TESTS AND DIAGNOSES 12 VOLT VEHICLES

BATTERY TESTERS

BATTERY TESTERS THAT GIVE YOU THE INFORMATION TO BE YOUR OWN MECHANIC!



PRODUCT BATTERY	0.0v	VEHICLE BATTERY	12.8v
AVERAGE CURRENT	0A	PEAK CURRENT	0A
		SOH:	100%



12 VOLT CCA or AH TESTER

ADVANCED VEHICLE BATTERY/ELECTRICAL SYSTEM DIAGNOSTIC CAPABILITIES!

The 12 Volt CCA or AH Battery Tester is designed to test a battery using either a CCA rating or AH rating. It can test the voltage of the battery, the internal resistance and displays a battery life percentage bar. The percentage bar will indicate when a low battery needs to be recharged. This device also can test a battery inside or outside of a vehicle. This model can test batteries as small as 100 CCA all the way up to 1500 CCA. We provide an advanced tester that will give you all the information you need, for a fraction of the cost of the more expensive professional testers.



P/N: #4342

\$79

12 VOLT STATE OF HEALTH TESTER w/JUMP CABLE

The 12 Volt SOH Tester with Jump Starter Cable provides detailed "State of Health" testing information including: measuring the internal resistance of the battery, the levels of sulfation in the battery, how much life is left in the battery, the battery's voltage, peak and average amps, alternator and starter output and amps that it took to start the vehicle. Features built in reverse polarity protection, short circuit protection, temperature protection and over current protection. Also features a Boost Button that allows you to start a vehicle whether the battery is totally dead or not.



P/N: #5900

\$49

HIGH QUALITY

GOLD CABLES



\$10 - \$25

Designed for versatility, reliability and quality.

The **Battery Saver™** Cables are designed based around the idea that versatility, reliability and convenience are of the utmost importance when connecting a vehicle to our chargers. We offer more methods to connect, a larger variety of cable lengths and an all around higher quality of cable. Our choice on gold plating the cable connections was because it oxidizes less in harsh environments than the tin or copper used by our competitors.

- Ultra Reliable GOLD Connectors
- Bright Yellow "Easy to See" Wire
- Longer Cable Lengths
- Dust Cover Protects GOLD Contacts
- 3 Ways to Easily Connect Chargers
- Versatile and Long AC Power Cables
- Exclusive Connector Tie Down Loop
- Yellow for increased visibility

Alligator Clip	Terminal Lug	AC Power	DC Extension	Voltmeter Probe	Cigarette Lighter
3752 - 6'	2120 - 2' 2087 - 6'	2580 - 10'	2307 - 10' 2050 - 20'	6781 - 3'	1310 - 6'

ACCESSORIES

SMART Cables
 Battery Connection Cables
 with Built-in Low Voltage LED Indicator



1310-S - 6' 3752-S - 6' 2120-S - 2'

\$15

Padded Carrying Case



\$30

2360

What Makes A Better Solution for Batteries?

Advanced Pulse Cleaning Technology



Attaching the Battery Saver™ to a battery turns on the automatic pulse circuitry. These reverse pulses begin to clean the plates.



As the battery charges, the pulse action begins to break down the lead sulfate that is attached to the plates.



Pulse works to reverse lead sulfate buildup on the battery plates improving its condition and life.

With time the plates begin to conduct electricity again, the Voltage of the battery increases and electron flow is re-established.



The Battery Saver™ computer maintains a consistent voltage that allows the battery to work at optimum performance levels. Additionally, it continues to pulse the battery plates and also exercises the battery while "Burping" the battery to help keep the sulfuric acid and water mix balanced.



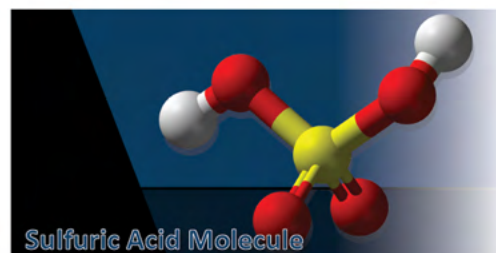
Long term storage and non-use is compensated for by this state-of-the-art technology. The battery will now be ready to go when needed.

When the plates are cleaned the voltage level increases giving the battery additional power.

Our Advanced Auto-Pulse Technology strengthens a battery by breaking down the build up of sulfation on the plates. Sulfation is the number one cause of premature battery replacement and it occurs most commonly from allowing the battery to sit for long periods of time. There are two things that effect a battery that is unused or in storage. The first is the battery voltage drops between 1% - 5% per month. The reason we want to keep a battery charged all the time is that when a battery discharges the sulfur molecules move over next to the lead plates.

They are attracted to each other and when the proximity gets closer they can more readily turn themselves into a new compound, lead sulfate. The lower the voltage, the more likely they are to combine. The second negative effect is called "battery stratification." Since a battery is comprised of 30% water and 70% sulfuric acid, when the battery sits for a long period of time they separate. Water weighs less than sulfuric acid and it goes to the top of the battery and also increases the concentration of the sulfuric acid to the bottom of the battery, again causing sulfation.

Battery Saver™ can rescue sulfated batteries when it is connected to a battery. It maintains the voltage level so that the sulfur stays in the sulfuric acid and doesn't migrate to the plates. Additionally, it also performs a process called "Burping" where it periodically increases the voltage supplied to the battery to create tiny bubbles and promote the mixture of the sulfuric acid and water. "Burping" is also built into the operation of alternators and generators, which periodically provide 14.4v - 14.6v to the battery, causing the "Burping" effect. If a battery is maintained in this manner, it will last longer. Batteries need exercise... we do it electronically.



Our advanced programming allows the charger to work with a variety of battery sizes and types. No longer do you need a specific type of charger for AGM, Dry Cell, Spiral Cell, Deep Cycle, Gel or SLA batteries. We work with all battery types and so it automatically recognizes the battery's needs and gives power accordingly. Battery Saver™ works with small to large batteries including deep cycle, marine and industrial. Our larger chargers can maintain motorhomes, golf carts, electric cars, mobility cars and industrial equipment with multiple batteries.



Small Gel



Motorcycle



Deep Cycle



Spiral Cell



Lead Acid



AGM



Lithium Ion

All automotive battery types and sizes are automatically supported with Battery Saver™.

COMPARISON CHART

TM

BATTERY SAVER

COMPARE US

	BATTERY SAVER	BASIC MAINTAINERS	MANUAL CHARGERS	TRICKLE CHARGERS
FEATURES ADVANCED MICRO PROCESSOR	YES	YES	NO	NO
AUTOMATICALLY SWITCHES TO MAINTENANCE MODE	YES	YES	NO	NO
DIGITAL LCD BATTERY TESTER	YES	NO	NO	NO
MODULAR CABLE SYSTEM	YES	NO	NO	NO
WORKS ON AGM AND MARINE	YES	NO	NO	NO
FEATURES ADVANCED PULSE TECHNOLOGY	YES	NO	NO	NO
MOUNTS ON THE WALL OR IN CAR	YES	NO	NO	NO
PULSE CLEAN DESULFATOR MODE	YES	NO	NO	NO
CHARGE PERCENTAGE LCD DISPLAY BAR	YES	NO	NO	NO
RESUME FUNCTION AFTER POWER OUTAGE	YES	NO	NO	NO

Q & A

CAN I LEAVE IT PLUGGED IN THE LONG TERM? Yes, the Advanced Micro-Processor in our units will automatically switch from Charger mode to Maintenance mode once the battery has reached FULL (Green LED Light). Then, the Maintainer will occasionally PULSE the battery to keep it in excellent condition even in the off season.

HOW QUICKLY WILL IT CHARGE A BATTERY? This depends on the condition of the battery, but for the more powerful models, it can take a few hours. If you have a dead battery and need assistance immediately, our MICRO-JUMP starter will jump start a vehicle from anywhere.

WHAT REALLY MAKES YOUR CHARGERS DIFFERENT? Pulse Cleaning Technology, Micro-Processor Control, Automatic Battery Voltage and Type recognition, Automatic switching between Charger / Maintenance mode and a Modular Cables System... to name a few. All of our units now feature a built-in LCD display Tester.

THANK YOU FOR YOUR INTEREST IN OUR PRODUCTS!



SCAN TO GO TO WEBSITE



Come see us at the events we do nationwide! For more information, check out our website www.batterysaver.com for current events, updates, show times & more!



Granite
by D•I•G•I•T•A•L

