**OPTIMIZE DIAGNOSTIC DESULFATING CHARGERS AND TESTERS**

**OPTIMIZE 6** can SAVE a neglected / sulfated* lead-acid battery unable to accept charge from the engine charging system (even after jump starting). The micro processor controlled multi step charging system with cell equalizing is suitable for deep cycle and starter (SLI) batteries and the amptic automatic current control takes the guesswork out of current selection. During the continuous maintenance and testing cycle, the battery is tested daily and recharged as necessary. Hook it up, walk away, OptiMate does the rest. automatically, safely. Recommended for all lead-acid batteries from 16AH – 240AH.

P/N 11-07221 ..........................$142.75

**OPTIMIZE PRO-S** has a charging system able to save a neglected *sulfated battery that cannot accept charge from a standard charger or the engine charging system. Battery power is optimized during bulk, absorption & cell balancing charge modes, and then tested to verify charge retention. Battery life is extended by a left connected to OptiMate PRO-S when vehicle/craft equipment is not in use. Initializes, desulfates & charges 1 x 12V battery at a time – from small to large.

P/N 11-07222 ..........................$168.75

**OPTIMATE 5 VOLTMATIC** Advanced 6V & 12V battery charger for power sport / auto / marine size batteries. OptiMate 5 Voltmatic can SAVE & CHARGE all 6V & 12V lead-acid batteries. Simply connect the charger to the battery, the Voltmatic micro-processor automatically makes the correct charge voltage selection for 6V battery in any condition or healthy* 12V battery and then proceeds to charging. Charging Amps: 4A (6V) / 2.8A (12V) (Ampmatic). Use: Indoor / Outdoor (lowest temperature: -4°F /-20°C). Save: Low Volt Start of 1V + 2-step desulphation ideal. Voltage for STD, AGM & GEL 6 & 12V batteries from 8 – 120AH (up to 192AH for 6V). Input: Global (100-240V 50-60Hz); high efficiency (CEC listed), fully sealed. Style: Weatherproof case with wall mounts, with 6ft / 180cm AC supply lead and 6ft / 180cm charge lead ending in SAE connector. Weatherproof battery lead & standard battery clip included. P/N 11-14751 ..........................$106.75

**OPTIMATE 7 SELECT TM-251** 9-step 14.4V/14.7V 10A Battery Saving charger-tester-maintainer with 13.6V 8A powersupply (BC - California & Oregon approved). The world’s most advanced 10 Amp battery charger for starter & deep cycle batteries! OptiMate 7 Select is perfect for starter and deep cycle 12V batteries that demand accurate temperature controlled charging and unsupervised safe long term maintenance. Voltage selection (14.4V / 14.7V) ensure the battery receives charge at the correct voltage. P/N 07-18075 ..........................$169.95

**OPTIMATE 7 SELECT TM-261** 8-step 12V 10A/24V 5A Battery Saving charger-tester-maintainer (BC - California & Oregon approved) The world’s most advanced 12V & 24V battery charger! OptiMate 7 12V-24V is perfect for high performance 12V and 24V starter and deep cycle batteries that demand accurate temperature controlled charging and unsupervised safe long term maintenance. Designed for sensitive electronics-The SAVE program has been designed for SAFE fully automatic low volt start (from 0.5 Volts) and PULSE recovery of deep discharged batteries connected to very sensitive electronics e.g. light aircraft, industrial equipment.

P/N 07-18076 ..........................$161.95

**OPTIMATE 7 SELECT TM-271** OptiMATE Lithium 4s 9.5A / 5s 7.5A TM-271, 10-step 12.8/16V 9.5A Battery saving charger-tester-maintainer (BC - California & Oregon approved). The ultimate professional battery charger for 12.8/16V Lithium batteries. OptiMate Lithium LFP Select is perfect for high performance 12.8V (4s) and 16V (5s) LiFePO4 / LFP batteries that demand fully automatic, fast and accurate temperature controlled charging. Perfect for 12.8V / 16V LiFePO4 / LFP batteries sized from 2.5 to 200 AH. Power save by stand-by mode. Full electronic protection against errors. P/N 07-18077 ..........................$161.95

**OPTIMATE LITHIUM 4S 5A** Professional level battery charger for LiFePO4 / LFP batteries. Perfect for charging and seasonal maintenance of a 12.8V-13.2V LiFePO4 / LFP battery sized from 2 to 100 Amp-hour. SAFE: No risk of overcharging. Totally safe for vehicle electronics. Sparks suppressed. Safe for long-term battery maintenance. Automatic shut-down if short-circuited or battery disconnected. 3-year limited replacement warranty. P/N 11-14676 ..........................$154.75

* A battery discharged over a time that has built up chemical resistance to charging, but otherwise undamaged and measuring at least 2V.

**SOLAR PULSE**

Specifications: SolarPulse 2W SolarPulse 5W

<table>
<thead>
<tr>
<th>Pulse Frequency:</th>
<th>20-28 kHz</th>
<th>20-28 kHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Charging DC Voltage:</td>
<td>16.5 V, 250 mA</td>
<td>16.5 V, 350 mA</td>
</tr>
<tr>
<td>Reverse Polarity Protected:</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Circuit Box Dimensions:</td>
<td>3.25” x 2.25” x 1.0”</td>
<td>3.25” x 2.25” x 1.5”</td>
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<tr>
<td>Solar Panel Dimensions:</td>
<td>4.75” x 8.5” x 0.125”</td>
<td>8.875” x 8.75” x 0.125”</td>
</tr>
<tr>
<td>Solar Panel Dimensions:</td>
<td>4.75” x 8.5” x 0.125”</td>
<td>8.875” x 8.75” x 0.125”</td>
</tr>
<tr>
<td>Box to Lugs Wire Length:</td>
<td>3 feet</td>
<td>3 feet</td>
</tr>
<tr>
<td>Box to Panel Wire Length:</td>
<td>17 feet</td>
<td>17 feet</td>
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<tr>
<td>Termination:</td>
<td>3/32” Lugs</td>
<td>3/32” Lugs</td>
</tr>
<tr>
<td>Weight:</td>
<td>1.35 lbs</td>
<td>1.65 lbs</td>
</tr>
</tbody>
</table>

* Unique solar charger provides clean, quiet energy
* Cleans battery plates of large, damaging lead-sulfates so batteries can accept, store and release MAXIMUM power when you need it
* Helps offset energy-robbing key-off parasitic loads (see chart below)
* Works with all lead-acid batteries (flooded cell, AGM and gel)
* Ideal for virtually any kind of vehicle and equipment in areas with out access to electrical power
* Low-profile industrial-strength solar panel mounts flat (no frame required) so it’s virtually indestructible
* Prevents the normal loss of battery power on vehicles stored outside no matter how long they sit unused — even months at a time
* Helps extend battery life up to 3X longer
* Choose from three models: 2-Watt, 5-Watt and 6-Watt
* The 5-Watt solar panel is almost HALF THE SIZE of other 5-watt panels yet offers full 5-watt power
* The smaller 5-watt panel provides more installation options
* The 6-watt model is ideal for emergency rescue and law enforcement vehicles because it has a unique rectangular solar panel designed to easily mount on any light bar
* 2- and 5-Watt models include 17-feet of wire between circuit box and solar panel, and the 6-Watt includes 14 feet of wire
* Five-year limited warranty

**CHARGE/MAINTENANCE SYSTEM**

The PulseTech Pro-12 Charge/Maintenance System. It is designed to keep new batteries “factory-fresh” while they rest on the shelf waiting to be installed or sold. Batteries that sit idle suffer from damaging sulfation buildup (lead sulfate deposits on the battery plates).

This buildup is the main cause of battery problems and failure. The Pro-12 uses our scientifically-proven ReNew-IT Pulse Technology to keep these deposits off the plates. By removing these energy-dampening deposits, your batteries are stronger than ever.

Technology to keep these deposits off the plates. By removing these energy-dampening deposits, your batteries are stronger than ever.

Products Subject to Change Without Notice

**REDPULSE PRO-12 CHARGE/MAINTENANCE SYSTEM**

The PulseTech Pro-12 Charge/Maintenance System. It is designed to keep new batteries “factory-fresh” while they rest on the shelf waiting to be installed or sold. Batteries that sit idle suffer from damaging sulfation buildup (lead sulfate deposits on the battery plates).

This buildup is the main cause of battery problems and failure. The Pro-12 uses our scientifically-proven ReNew-IT Pulse Technology to keep these deposits off the plates. By removing these energy-dampening deposits, your batteries are stronger than ever.

This means your “shelf-life” warranty issues and other battery-related expenses are reduced dramatically.

P/N 11-07121 ..........................$159.75

Prices Subject to Change Without Notice