

WORKSHOP

Desulphating Charger and Battery Backup



12 Volt Battery Recovery - Charger & Supply

Patented Sulphation Recovery Program

Short Circuit & Reverse Polarity Protection

3-Stage Charging: C1-CV-Float

Wall Mountable

Stable 25A DC Backup Supply

Constant Voltage Float/Standby

Charges any 12V Automotive Battery

Calcium/Antimony/Gel/AGM Batteries

Soft Start Current Control

Detachable Leads for Easy Replacement

Minimises Battery Gas Emissions

Multiple Safety Features and Fault Detection

Moulded Case with no Sharp Edges - Safe for Showroom or Workshop Use



Diagnostics

www.SPDiagnostics.com

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New Battery Technology Means Charging Technology Needs to Change too

When it comes to chargers 'one type fits all' and 'the bigger the better' approach is no longer acceptable as delicate electronics, technology and people can be harmed unless the correct charging procedures are followed.

Different battery types require different charging routines to ensure that the battery is correctly and fully charged, with the sophisticated electronics now on all vehicles a fault with the battery can cause all sorts of issues.

During normal discharge sulphuric acid in the battery reacts with the lead plate material to produce soft lead sulphate crystals, when a battery has been left in a discharged condition or has been continually undercharged these crystals harden and can not be removed during subsequent recharges.

The desulphating charger will attempt to recover as much capacity as possible in these batteries using its patented sulphation recovery program, as well as providing a stable 25A 12V supply to backup the vehicles battery during diagnostics work and programming/coding of modules.

Charging is a simple process, select the battery type and hook up the leads to the battery that's been disconnected from the vehicle. The charger automatically adjusts its charging method according to the battery connected and status LEDs show the progress of the charge.



Specification

Input Voltage:	100 V AC - 240 V AC
Battery Voltage:	12 V
Battery Types:	Calcium / Antimony / Gel / AGM
Charge Current:	10 Amp
Backup Supply:	12 V / 25 Amp - Fully Regulated
Weight:	3 Kg
Size:	250 x 170 x 130 mm
Mains Lead:	5 Meter IEC
12 V Lead:	Replaceable 3 Meter Croc Clip

