



SmartChargePRO



BATTERY CHARGING FOR PROFESSIONALS

Batteries used in vehicles are changing to adapt to the requirements of modern vehicles. With vehicles using ever more sophisticated electronics and fuel saving technology, there's never been a tougher time for the car battery.

Programmable Multi Chemistry - Designed to suit all vehicle battery types. Adjusts the charge to match precisely the specific battery type, extends battery life and improves battery performance.

Battery Type	Charging Voltage
Lead Acid (Wet)	14.7v
Gel	14.1v
AGM	14.4v
Calcium	14.7v



Power Supply (Battery Support Unit) - Ideal for maintaining a constant battery voltage level when appliances or vehicle diagnostic equipment are connected and require power.

Manual Reconditioning - Restores a battery from a deeply discharged state allowing the battery to operate at full performance and increase battery life.

Fast Charging - With up to 50A charging capacity available, a battery can be quickly recharged and functional.

Temperature Compensation - Adjusts the charge rate to compensate for any increase in the battery temperature.

LCD display - Multi functioning LCD display provides all the required information to identify the state of the battery and where you are in the charging process.



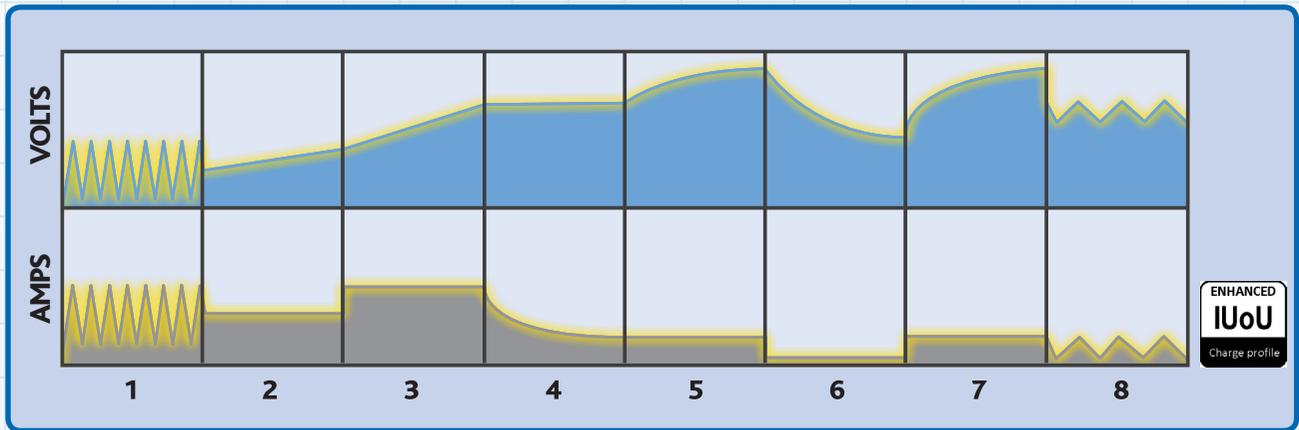
“ We've got it in our battery shop and in use daily, brilliant for everything, gel, motorcycle, car and commercial batteries. To be fair it's probably the best charger I've come across for ease of use. ”

A. P. Ribblesdale Auto Electrics

“ Very impressed when this unit recovered a gel battery my previous chargers had not been able to bring back to life. ”

S. T. Swillington Auto Care, Leeds

Multi-stage Battery Charging



Stage 1 - Desulphation

Pulse charges to remove sulphate from the battery plates to restore battery performance.

Stage 2 - Soft Start

Controlled build up of the charging process.

Stage 3 - Bulk Charge

80% of the charge applied at maximum charging current.

Stage 4 - Absorption

Charges the battery to 100% with the charge rate reducing to allow the battery to absorb more power.

Stage 5 - Equalisation

Additional charging stage for Calcium batteries - removes acid stratification of the battery.

Stage 6 - Battery Test

Automatically determines the battery condition.

Stage 7 - Recondition

Additional charging stage to recover deeply discharged batteries.

Stage 8 - Float

Maintains the battery at 100% - only applies charge when the battery naturally discharges and charge is required.

Remote Control (available separately)



- Same functionality as the LCD display on the SmartChargePro
- Includes removeable mounting bracket to allow permanent fixing
- Cable length – 2.9m
- Can be recessed or surface mounted
- Dimension (HxWxD): 130 x 29 x 90mm

Compatible with RSCPR25, RSCPR35, RSCPR50 and RSCPR824



Pt. No.	RSCPR7	RSCPR10	RSCPR15	RSCPR25	RSCPR35	RSCPR50	RSCPR824
Output Voltage	12v	12v	12v	12v	12v	12v	24v
Charges Rates	7A	10A	15A	2/6/12/25A	2/8/16/35A	2/6/12/25/50A	2/4/6/8A
LCD Display				✓	✓	✓	✓
Battery Capacity	50-140Ah	70-200Ah	85-200Ah	14-500Ah	14-700Ah	14-1000Ah	14-160Ah
Temperature Compensation				✓	✓	✓	✓
Pack Dimensions mm (HxWxD)	237x340x87	236x342x90	236x241x87	204x425x97	304x425x97	304x425x97	305x420x98