



ProReg

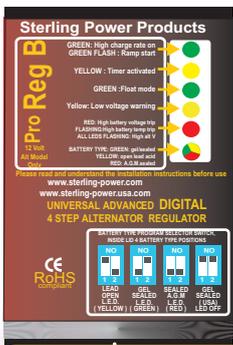
Advance Alternator Regulators

STERLING POWER



4 Stage charging, on the move

Why wait to arrive at your destination to plug in your battery charger? Standard alternators are not designed to be good battery chargers, their flat voltage outputs make alternators inherently bad at recovering auxiliary battery banks. With a **Sterling Power Advanced Alternator Regulator** you can convert the constant voltage output of a standard vehicle's alternator into a 4-stage progressive constant current battery charging profile. This high performance, marine grade alternator regulator **recovers your house battery bank five times faster than using just a standard alternator!**



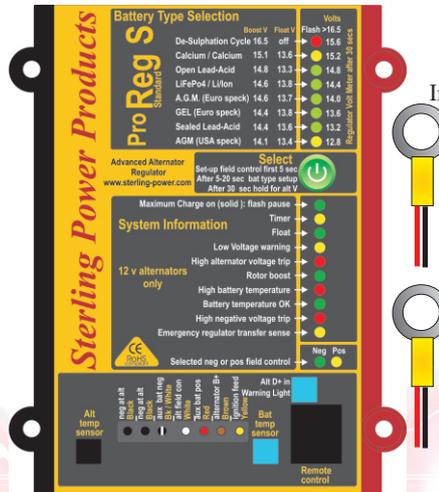
Pro Reg B 12 V only

new model upgrade can run up to 300% more field current with no heat rise

Inc battery temperature sensor and 1 metre of cables. Please check all the features on this model on next



Pro Reg B Advanced alternator regulator	
Voltage d/c	12
Size L x W x D mm	120 x 70 x 45
Weight kg	0.4
Part nos	AR12VD



Pro Reg S 12 V and 24 V

Includes two temperature sensors for alternator and battery

The new Pro Reg S and U are the next generation of advanced regulators, offering those extra features we deemed important based on our previous 15 years experience in this market.

The new style housing offers dust and water protection, along with the latest technology eliminates the need for fan cooling. All the extra features are explained on the next page.

Pro Reg S Advanced alternator regulator	
Voltage d/c	12
Size L x W x D mm	140 x 113 x 45
Weight kg	0.4
Part nos	ARS

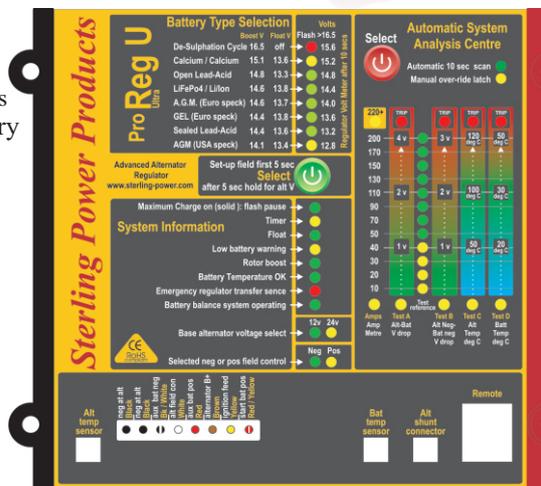
All ProRegs: IP 66 - Waterproof Ignition protected



Pro Reg D 12 V and 24 V

Includes two temperature sensors for alternator and battery

Pro Reg D Advanced alternator regulator	
Voltage d/c	12 & 24
Size L x W x D mm	180 x 90 x 55
Weight kg	0.5
Part nos	PDAR
Remote control	170 x 90 x 40
	0.25
	PDARR



Pro Reg U 12 V and 24 V

Includes two temperature sensors for alternator and battery

The Ultimate universal Advanced regulator with Automatic System Analysis Centre

Pro Reg Ultra Advanced alternator regulator	
Voltage d/c	12 & 24
Size L x W x D mm	160 x 140 x 45
Weight kg	0.45
Part nos	ARU

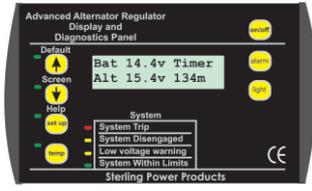
Product details overleaf

Visit the Sterling website for the latest products and news www.sterling-power.com

ProReg Specifications



Pro Reg	B	D	S	U
Digital software control with slow start	●	●	●	●
Dynamic Progressive battery charging	●	●	●	●
Can be used in parallel (recommended) or stand alone regulator	●	●	●	●
Programable for different battery types	●	●	●	●
Single unit fits 99% of alternators and all battery types	●	●	●	●
Charges to 4 step progressive constant current charging curves	●	●	●	●
Self diagnosing fault system	●	●	●	●
Totally isolates the advanced regulator in fault condition	●	●	●	●
Information 6 LED display	●	●	●	●
Battery Temperature sensing	●	●	●	●
High battery temp trip	●	●	●	●
High battery voltage trip	●	●	●	●
High alternator voltage trip	●	●	●	●
De-sulphation ability on open lead acid batteries	●	●	●	●
In event of failure auto return to standard alternator regulator	●	●	●	●
Can be used with or without the temperature sensor	●	●	●	●
Monitors for excessive neg voltage drop and trips	●	●	●	●
Protects batteries if temperature sensor open circuited	●	●	●	●
Protects batteries if split charge relay/diode fails open	●	●	●	●
Protects batteries if advanced reg fails closed	●	●	●	●
Protects batteries if battery sense wire falls off	●	●	●	●
10 LED display	●	●	●	●
12 or 24 v operation	●	●	●	●
Remote control option	●	●	●	●
Alternator temperature sensor and disengage	●	●	●	●
IP 68 waterproof & ignition protected	●	●	●	●
7 battery types with 5 step charging curves	●	●	●	●
Battery type LED converts to voltmeter after start up	●	●	●	●
Reg bypass for max rotor boost	●	●	●	●
If used in stand alone mode , transfers from adv reg to standard if fault	●	●	●	●
20 LED information display	●	●	●	●
Battery balancing to help compensate for diode voltage distortion	●	●	●	●
44 LED display panel	●	●	●	●
Extra LED voltmeter readings for all scanned safety parameters	●	●	●	●
Manual or auto scan operation	●	●	●	●
Ammeter up to 250 amps (reading) higher current ok but no reading	●	●	●	●



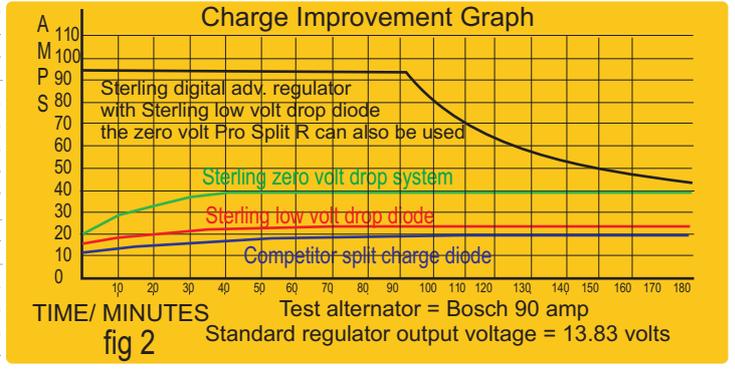
REMOTE CONTROL (OPTION For Pro Reg D only)

Remote Control for Pro Reg D only			
Voltage d/c	Size L x W x D mm	Weight kg	Part nos
Remote control	170 x 90 x 40	0.25	PDARR



REMOTE CONTROL (OPTION For Pro Reg S and U only)

Remote Control for Pro Reg S & U only			
Voltage d/c	Size L x W x D mm	Weight kg	Part nos
12 & 24	110 x 69 x 20	0.04	ARRSU



Principle features:

- ✓ **Small in size. Big in charging results.**
- ✓ Our Lowest cost solution to advanced 4 step charging on the go.
- ✓ Sterling Power Advanced Alternator Regulators allow you to change the standard output of your alternator into a four step charge profile.
- ✓ Our four step charge charging profile extends the life of your batteries by fully charging and conditioning your batteries, as well as entering into a float mode when charging is complete to protect against overcharging your batteries.
- ✓ Advanced 4 step charging algorithm provides a charging rate that recovers your batteries up to five times faster than a standard alternator.
- ✓ Unlike other Advanced Regulator packages on the market our advanced regulators will work with your existing engine alternator. You don't have to buy a new alternator as part of the installation. No pulley changing, no new bracket building.
- ✓ When installed in conjunction with our ProSplit-R Zero Drop Battery Isolator Product Line, you can provide advanced 4 step charging to all of your battery banks from your alternator, without the risk of any one of your battery banks discharging the others.
- ✓ Four different battery charging profiles are selectable: Open lead acid, closed lead acid, AGM and GEL.
- ✓ Will work with 12 volt and 24 volt systems and positive or negative field inputs.
- ✓ Supplied with a battery temperature sensor to provide battery temperature compensation.
- ✓ The ProReg-D/S/U models have an optional remote, 12 or 24 volt capability and an alternator temperature sensor.



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