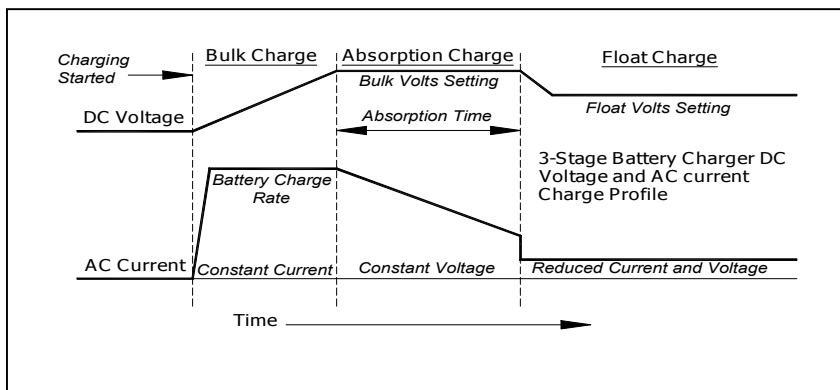


## RED FLASH™ SafeCharger 12V and 24V Professional Chargers for Sealed Lead Acid Batteries

The Red Flash SafeCharger range offers safe and effective charging for Gel and AGM battery systems.

Available to suit both 12V and 24V nominal battery systems the SafeCharger range is available in 25A, 50A and 100A models. When connected to DMS Red Flash (or other DMS recommended batteries) fast and optimised charging is achieved.



### Benefits:

- Professional design, easy installation
- Temperature control sensor
- 3 stage intelligent charger
- LED indication
- Prevents battery overcharging
- Suitable for AGM and Gel batteries
- Safety features

These intelligent chargers are constructed for use with electrical systems commonly found in vehicle installations, on-board marine systems, workshops and industrial applications. The Red Flash SafeCharger automatically works in 3 stages (bulk, absorption and float), efficiently returning the battery to full capacity before reducing the current to a safe level where the battery can be left on charge for an unlimited time.

The temperature control sensor ensures that the battery is charged to its optimal level across a broad operating temperature range.

When using the Red Flash SafeCharger with other Sealed Lead Acid Batteries we recommend you contact the manufacturer for their specific charging conditions.

# RED FLASH™ SafeCharger

## Technical Specification

	Model 2512	Model 5012	Model 10012	Model 2524	Model 5024
Part No UK	7700-0070	7700-0071	7700-0072	7700-0073	7700-0074
Part No EU	7700-0055	7700-0056	7700-0057	7700-0058	7700-0059
Input Voltage	230VAC (115VAC model available upon request)				
Input Frequency	47-63Hz				
Charging Voltage	14.4 ±0.2V			28.8 ±0.2V	
Float Charging Voltage	13.7 ±0.2V			27.4 ±0.2V	
Start Point of Float Charge	2.0A ±0.2A	3.0A ±0.2A	6.0A ±0.2A	2.0A ±0.2A	3.0A ±0.2A
Max Charge Current	25A	50A	100A	25A	50A
Ripple	500mVp-p				
Fan Control	Fan On (Bulk/Absorption) - Fan Off (Float)				
LED Indication	LED1 : Green – Power on				
	LED2: Yellow – Bulk/Absorption Charging				
	LED2: off – Float charge				
Dimensions (LxWxH) mm	240x186x76	410x186x76	410x186x163	410x186x76	410x186x163
Weight	4Kg	6Kg	10Kg	6Kg	10Kg
Safety Features	Short circuit protection – soft start current protection during turn on – reverse polarity				
Approvals	CE Approved				
Operating Temp	0°C to +50°C (Temperature Control Sensor fitted)				

**DMS technologies designs and manufactures specialist battery systems and portable power units. For further details or technical support, contact our Sales Team.**

*DMS technologies reserves the right to alter product specifications without prior notice*

The Association of  
Police and Public  
Security Suppliers



*™ Red Flash is a registered trademark of DMS technologies*

DMS technologies, Belbins Business Park, Cupernham Lane, Romsey, Hants., SO51 7JF, UK  
Tel: +44(0) 1794 525400 Fax: +44(0) 1794 525450 e-mail: info@dmstech.co.uk

5502-0008 Iss 08

[www.dmstech.co.uk](http://www.dmstech.co.uk)