

RED FLASH™

Battery Chargers

The Red Flash Battery Charger range offers a high quality, safe and effective charging system for both AGM and Gel batteries. Charging is optimised over 3 stages providing fast recharge on suitable batteries ensuring maximum battery life is achieved. The 3 stages offer bulk, absorption and float modes, efficiently returning the battery to full capacity before reducing the voltage to a level when the battery can be left on charge for an unlimited time.

Benefits

- Professional, High Quality Design
- 3 stage Intelligent Charging
- Universal AC Input
- Multiple LED Indication
- In-Built Protection Features
- 2 Year Warranty
- Suitable For AGM & Gel Batteries



Applications

- Vehicle Installations
- Marine Systems
- Defence Installations
- Workshop Environments
- Industrial Installations

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Specifications	12V 25A	12V 40A	12V 60A	24V 21A	24V 35A
Float Charge Voltage	13.6V		27.2V		
Bulk Charge Voltage	14.4V		28.8V		
Max Charge Current	24.3A	40A	60A	21A	34.7A
Input Voltage	*90-132VAC / 180-264VAC	90-264VAC			
Input Frequency	47-63Hz				
Efficiency (typical)	85%	86%	86%	87%	88%
Power Factor (typ. full load)	>0.65 @ 230VAC	0.95/230VAC 0.98/115VAC			
AC Current (typ.)	7A/115VAC 3.5A/230VAC	6.8A/115VAC 3.4A/230VAC	12A/115VAC 5.2/230VAC	6.8A/115VAC 3.4A/230VAC	12A/115VAC 5.2/230VAC
Inrush Current (typ.)	60A Cold Start	25A/115VAC 50A/230VAC			
Operating Temperature	-20 to +60°C (output de-rates above +50°C)				
Fan Control	Speed automatically adjusts depending on charging current				
LED Indication	Red	Charging	Error		
	Orange	N/A	Charging		
	Green	Fully Charged	Fully Charged		
Dimensions mm (LxWxD)	235 x 135 x 49	230 x 158 x 67	300 x 184 x 70	230 x 158 x 67	300 x 184 x 70
Weight (kg)	1.5	2.2	3.5	2.2	3.5
Safety Features	Short Circuit / Reverse Polarity / Over Voltage / Over Temperature				
Approvals	CE Approved				
MTBF	115.8k hrs min	135.6k hrs min	127.4k hrs min	135.6k hrs min	127.4k hrs min

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

** The input voltage is selected via a manual switch on the 12V 25A model*