



The IR61224 is your ultimate battery management device. With the simplicity of push button selection, the user has full control over the charging of their battery. Change the amperage, voltage and battery chemistry with a simple touch of a button!

For peace of mind, this charger will automatically adjust its output amperage to ensure the battery is protected from overcharging.

The IR61224 has a microprocessor controlled 7 stage charging program. At the completion of each stage, the charger will conduct a diagnosis of the batteries condition to ensure it has been completed correctly. This feature both extends battery life and maximises the usable energy.

## IR61224 6/12/24 VOLT CHARGER

- 2, 10 or 20 Amp selectable on 6/12 volt and 5, 2 or 10 Amp selectable on 24 volt
- Electronic touch button control
- Chemistry selectable: GEL, Flooded (SLA, Deep Cycle, AGM), Calcium
- LED Display shows voltage, current (Amps), battery capacity and fault diagnosis
- 7 stage charging for optimum battery conditioning and extended battery life



SPECIFICATIONS	
Charging Stage	7 Stage
Input	240VAC, 50Hz
Output Voltage	6/12/24 Volt DC Selectable
Output Current	6/12 Volt, 2/10/20 Amp. 24 Volt, 2/5/10 Amp. Selectable.
Min. Start Voltage	1.5 Volt
Desulphation	High Frequency Pulse Charge (DEPENDENT ON DIAGNOSIS)
Soft Start	Yes
Charge Rates	6V - (Gel 7.05V) (Flooded/AGM 7.2V)
	12V - (Gel 14.1V) (Flooded/AGM 14.7V) (Calcium 15.1V)
	24V - (Flooded/AGM 28.6V)
Absorption	Yes
Equalisation	Yes
Analysis / Fault Find	Yes
Recondition	Yes
Alternator Function	Alternator Test
Float/Maintain	Yes
Case Construction	Aluminium
Fan Cooled	Yes
Weight	2.4kg
Dimensions	246 x 146 x 50mm
Permanent Mount	No
Warranty	12 Months
Battery Size	2 - 300 Ah Charge & 2 - 400 Ah Maintain
Battery Type	GEL, Flooded, SLA, Deep-Cycle, AGM, Calcium



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	DESULPHATION	SOFT START	BULK CHARGE	ABSORPTION	BATTERY TEST	RECONDITION	FLOAT AND PULSE
<b>7 Stage Charging</b>	Reducing the lightly formed sulphate. High frequency pulse charge (Dependent on diagnosis)	Preliminary charge	Rapid Charge 14.1V (Gel), 14.7V (Flooded), 15.1V (Calcium)	Finishing charge. Constant voltage with Amperage control	Analyses the battery state of charge. Automatically detects faulty batteries. Error code signifies fault.	Restores badly discharged battery back to health if possible. Constant current automatically varied	Maintaining charge
<b>Voltage</b>							
<b>Current (Amps)</b>							