

Product SPECIFICATION SHEET



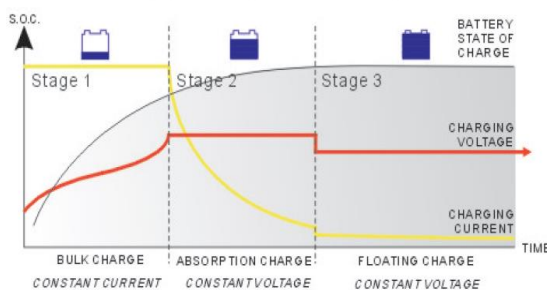
ENC1220 - Automatic 3 Stage Battery Charger



Features

- Three stage switchmode model lead acid battery charger
- Battery can be connected indefinitely
- Power On /Off switch
- AC supply selectable 90 VAC - 165VAC, 190VAC / 265VAC
- Protected against Short circuit and overload
- Protected against Reverse polarity and over temperature
- Simple to operate and maintain
- Silent cooling fan
- LED indications for Bulk, Absorption, Float, Charge status
- Fault and Power On/Off
- Reverse polarity output cut-off with auto reset
- Short circuit output cut-off with auto reset
- Output current limited on overload
- Internal temp auto cut-off at 80°C
- Output has over voltage protection
- 1.5mtr cable lengths

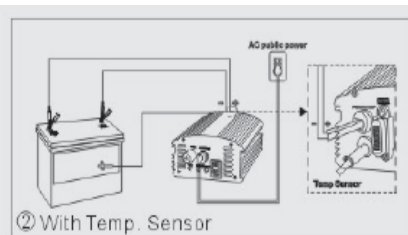
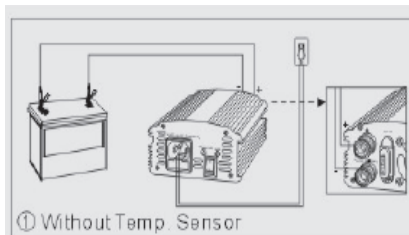
3-STAGE CHARGING DIAGRAM



State	Name	Explanation	Specification
Stage 1	The Constant Current Charging	Normally the battery is charged at constant maximum current until it rises to absorption voltage level. The charging voltage changes with the battery voltage.	Full Load Charge
Stage 2	The Constant Voltage Charging	When the battery voltage rises to the absorption voltage level, the charging switches to constant voltage charging and battery is over 85% full. The battery is kept at this high voltage while the current reduces gradually to set value at which the charger automatically switches to float stage.	14.5V $\pm$ 0.2V
Stage 3	The Floating Voltage Charging	In this stage, the battery is full and only takes in the amount of current necessary for maintaining the capacity.	$\leq$ 2A

Specifications

Model	ENC1220	
Output	DC Voltage	12
	Cut-off voltage	14.5V $\pm$ 0.2%
	Float voltage	13.8V $\pm$ 0.2%
	Max power	280W
	Max charge Amps	20A
Input	AC voltage	90 - 165v, 190 - 265V
Fuses	AC	3A
	DC	25A



BRANCH CONTACT DETAILS

Johannesburg 010 202 3300
 Germiston 011 418 9600
 Cape Town 021 510 0710
 Pinetown 031 700 4215
 Riverhorse 031 492 4800

NATIONAL CALL CENTRE

Sales 010 202 3400
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