

# EMERGENCY CHARGER

Australian designed and manufactured, the Magellan Power Emergency Charger is an invaluable tool for keeping substation batteries in a charged state and keeping down time to zero.

In case of a substation charger failure, simply connect the Emergency DC Power Supply to the batteries and your charger can be repaired without time pressure.

*Magellan Power Emergency Charger uses Anderson plug and crocodile clip battery connection for maximum safety and practicality.*



## Features

- High efficiency switch-mode technology
- Unity power factor
- Low cost, maintenance free
- Analog voltmeter and ammeter
- Adjustable output voltage
- Compact and light weight
- Can be used on Lead Acid and NiCad batteries

# Technical Specification

INPUT				
Nominal Characteristics	24V	32V	48V	110V
Input Supply	Single phase 240V± 10% 50Hz ± 5%			
OUTPUT				
Output Voltage	22-35V Set at 27.2V	32-43V Set at 36.2V	44-58V Set at 54.5V	90-150V Set at 122.5V
Output Current	50A	35A	40A	20A
SYSTEM				
Noise and Ripple	< 0.5% specified at full load and without battery connected			
Static Voltage Regulation	± 1% for 0-100% load variation, ± 10% AC input voltage variation and 5% AC			
Dynamic Voltage	5% for load variation of 10% to 100% or 100% to 10%			
Current Regulation	± 1%			
Protection	Input Circuit Breaker, Short Circuit, Output Circuit Breaker			
Power Factor	0.99 to 0.995 measured at full load and 220V input			
Metering	Charger Voltage, Charger Current. *Meter accuracy ± 5%*			
Environmental	0-50°, up to 95% humidity			
Psophometric Noise	2mV : 300Hz – 3400Hz			
Wide Band Noise	50mV: 3.4Khz-150KHz 20mV:0.15Mhz-30Mhz			
EMC	AS 2064-1997			
Efficiency	90% at Full Load			
Audible Noise	< 50 dB			
Cooling	Forced Air			
Dimensions	377mm (H) x 298mm (W) x 460mm (D)			
Weight	20kg			



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