

- 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.
- Highly reliable and easy to connect.



Australian designed and manufactured, the 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.

TECHNICAL SPECIFICATIONS

Nominal Characteristics	24V	32V	48V	110V
Input Supply	Single phase 240V± 10% 50Hz ± 5%			
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
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			