

EMERGENCY CHARGER

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.

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 SPECIFICATIONS

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	25A	50A	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