

## GECC3000

- **Powerful output up 3.3 KW**
- **Lightweight: only 25 kg**
- **Ripple free power supply**
- **For testing circuit breaker, DC motors and protection system**

## GECC1500

- **Powerful output up 1.65 KW**
- **Lightweight: only 25 kg**
- **Ripple free power supply**
- **For testing circuit breaker, DC motors and protection system**

## A P P L I C A T I O N

The DC voltage power supply models GECC3000/1500 are designed for supplying the DC voltage and current for the testing of:

- High voltage circuit breakers
- DC motors
- Protection systems and in general any type of system requiring an high-power, ripple free DC power supply

## GECC3000/1500 SPECIFICATION

### Voltage outputs

Two range adjustable

RANGE	GECC3000	GECC1500
	VOLTAGE V	
1	0...125	0...125
2	0...250	0...250
POWER	3300 W	1650 W

### Current limit control

Two range adjustable

RANGE	GECC3000	GECC1500
	CURRENT A	
1	0...27	0...13,5
2	0...13,5	0...6,5



Output adjustment: by two potentiometers, one for the voltage and one for the overload current.

Output power: GECC3000: 3.3 kW  
GECC1500: 1,65 kW.

Service: continuous duty.

Output ripple: less than 1% with no load, and 2.5% at full load.

Temperature coefficient: greater than 100 ppm/°C.

Load stability: better than 2% between unloaded and maximum load.

Yield, at full power: better than 80%.

## Measurement

Two large LED meters:

- . Voltage: 3 digit digital instrument, full scale 999 V;
- . Current: 3 digit digital instrument, full scale 99.9 A.

Accuracy: 1% of the measurement  $\pm$  0.1% of the selected range.

## Connections

Output connection: by connector.

Mains connection: by a two meter cable connected to the instrument via a plug.

## Power supply

Mains voltage supply: 230 V, 50 - 60 Hz, single phase.

Maximum supply current: 20 A.

## Case

Metallic case with handles.

## Weight and dimensions

Weight: 25 kg.

Dimensions: 400 (w) x 180 (h) x 410 (d) mm.

## Protections

Fuse on mains supply.

Filter on mains supply.

Soft-start electronic circuit.

Protection for start under load, with internal logic to stabilize the sequence depending upon the capacitor charge.

Electronic protection for the output in a short circuit condition.

Protection for maximum current, adjustable by potentiometer.

Indication light in case of overload.

Thermal protection.

Indication light in case of over-temperature.

## Accessories supplied with the unit

Power supply cable.

Output connectors.

Operating manuals.

## APPLICABLE STANDARDS

### Electromagnetic compatibility

Directive no. 89/336/CEE dated May 3, 1989, modified by the directive 92/31/CEE dated May 5, 1992.

Applicable Standards:

EN 50081-2; EN 50082-2; EN 55011; EN 61000-3-3;

EN 50082-2; ENV 50140; ENV 50141; ENV 50204;

IEC 1000-4-2; IEC1000-4-4; IEC 1000-4-6; IEC 1000-4-8.

### Low voltage directive

Directive n. 73/23/CEE, modified by the directive 93/68/CEE.

Applicable standards, for a class I instrument, pollution degree 2, installation category II: CEI EN 61010-1.

In particular:

. Operating temperature: 0 - 45°C; storage: -25°C to 70°C.

. Relative humidity: 10 - 80% without condensing.

## Ordering information:

CODE	MODULE
43087	GECC3000 125/250V - 3000W
43086	GECC1500 125/250V - 1500W