GECC3000-GECC1500

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

GECC3000-GECC1500

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.
Yeld, 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 ± 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