



# DINGOL DG634F Three-phase Alternator 1130 kVA AVR

**Product price:**

**20.520,00 € tax excluded**

## **Product description:**

DINGOL DG634F THREEPHASE 1130KVA

DINGOL DG634F is a threephase brushless alternator capable of delivering a maximum power of 1130KVA complete with AVR voltage regulator.

DINGOL DG634F alternators have twelve end terminals and are delivered preconfigured in threephase mode unless otherwise specified by the customer. However, if it is necessary to change the configuration, a table of possible configurations is shown on the back of the terminal box cover. The termination box has ample space for wiring and also houses the voltage regulator.

DINGOL DG634F are designed to guarantee an IP22 protection class for industrial use suitable for protection against normal atmospheric conditions.

DINGOL DG634F is equipped with twelve terminal blocks and are delivered preconfigured in threephase configuration unless otherwise specified by the customer. However, if it is necessary to change the configuration, a table of possible configurations is shown on the back of the termination box cover.

## **AVR REGULATOR**

The AVR is an electronic device that regulates the alternating current coming from the alternator and converts it into direct current.

The AVR applied to synchronous generators, has as its objective the maintenance of a constant operation of the machine, in its regime of greater efficiency. Generally, this means maintaining the power factor at values close to 1, but if the synchronous machine is also used to phase other users present in the same settlement, these values may vary.

If the generator has an excitation current value lower than the nominal value, the AVR absorbs



the current later than the voltage; if the value is higher, the AVR absorbs the current earlier. This is the main purpose of this instrument.

## TECHNICAL CHARACTERISTICS DINGOL DG634F

Phase type: Threephase

Power supply: 400 - 440 V

Frequency: 50 - 60 Hz

Maximum Output (50 Hz): 904KW

Maximum Output (50 Hz): 1130KVA

Maximum Output (60 Hz): 1019KW

Maximum Output (60 Hz): 1274KVA

RPM: 1500 rpm

Efficiency %: 94.7

Brushes Type: Brushless

Voltage regulator: AVR

Degree of protection: IP22

Width: 1578 mm

Length: 893 mm

Height: 1148 mm

Dry weight: 2650 Kg

Are you looking for an alternator with different characteristics? Here you can find the whole range DINGOL or other specialized brands.

Images and technical data are not binding.

### Product features:

Phase: Three phase

Maximum power three phase (KW): 904

Maximum power three phase (KVA): 1130

Frequency (Hz): 50 / 60

Voltage (V): 400

Engine rpm (rpm): 1500

Efficiency (%): 94.5

Protection degree: IP22

Length (mm): 1578

Width (mm): 893

Height (mm): 1148

Dry weight (Kg): 2320

Brushes: No

Type of alternator: Constant Speed



Voltage regulator: AVR