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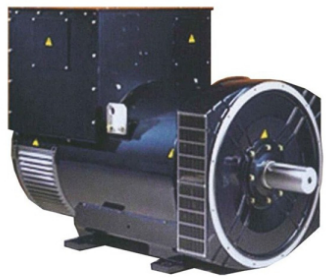
Via Carlo Pittara 46 - 10151 Torino (TO) - Italy
PIVA 09031950018 - Num. REA: 1020262
SDI 5RUO82D Cap. Soc. € 20.000 I.V



DINGOL DG634G Three-phase Alternator 1250 kVA AVR

Reference: DG634G SAE00 disk joint 14

DINGOL DG634G THREE-PHASE 1250KVA

DINGOL DG634G is a three-phase brushless alternator capable of delivering a maximum power of 1250KVA complete with AVR voltage regulator.

All the components that make up the DINGOL DG634G are subjected to a specific coating and/or impregnation process to safeguard the functionality of the generator and to protect the critical peers in the various conditions of use.

On the test bench, the rotors are balanced to the best of BS6861:part 1 box 2.5. to allow operation with the minimum of vibration. Bi-bearing alternators are balanced using a half key.

The THF (as defined by directive BS4999 part 40) is better than 2% and the TIF : Telephone Influence Factor as defined by NEMA directive MG1-32) is better than 50.

DINGOL DG634G alternators have twelve end terminals and are delivered pre-configured in three-phase 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. The termination box has ample space for wiring and also houses the voltage regulator.

DINGOL DG634G are designed to guarantee an IP22 protection class for industrial use suitable for protection against normal atmospheric conditions.

DINGOL DG634G is equipped with twelve terminal blocks and are delivered pre-configured in three-phase 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.

By means of an AVR it is possible to convert the alternating current into direct current and thus avoid voltage surges.

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 DG634G

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Phase type: Three-phase
Supply voltage: 400 - 440 V
Frequency: 50 - 60 Hz
Maximum power (50 Hz): 1000KW
Maximum power (50 Hz): 1250KVA
Maximum power (60 Hz): 1109KW
Maximum power (60 Hz): 1336KVA
RPM: 1500 rpm
Efficiency %: 94.9
Brushes Type: Brushless
Voltage regulator: AVR
Degree of protection: IP22
Width: 1578 mm
Length: 893 mm
Height: 1148 mm
Dry weight: 2700 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.

Technical Sheet

Phase	Three phase
Maximum power three phase (KW)	1000
Maximum power three phase (KVA)	1250
Frequency (Hz)	50 / 60
Voltage (V)	400
Engine rpm (rpm)	1500
Efficiency (%)	94.9
Protection degree	IP22
Length (mm)	1578
Width (mm)	893
Height (mm)	1148
Dry weight (Kg)	2700
Brushes	No
Type of alternator	Constant Speed
Voltage regulator	AVR