



## BERTOLI 15CAR44T CARDAN GENERATOR

Reference: 15CAR44T

### BERTOLI 15CAR44T PTO GENERATOR

Generator cardan Threephase BERTOLI 15CAR44T capable of delivering a power of 40 KVA with tractor connection of 1500 rpm.

The cardan generator BERTOLI 15CAR44T has a voltage of 400 V and a frequency of 50 Hz. The cardan generator BERTOLI 15CAR44T is equipped with a MECC ALTE alternator complete with AVR voltage regulator. The AVR regulator allows to stabilize the voltage and avoid damage to the connected sensitive devices.

The BERTOLI 15CAR44T generator is very reliable as it has been built and designed using high quality materials. Gimbal generator easy to transport, install and position thanks to its compact size.

These compact gensets, robust and easy to use, are complete with a base with 3-point linkage for a secure attachment to any tractor, in addition, the model BERTOLI is equipped with standard transport trolley. The power transmission is via the universal joint (not included), connected to the genset multiplier.

The tractor-mounted gensets are designed primarily for farms, ranches and alpine pastures, but are easily adaptable to any emergency situation.

The voltage regulator, applied to synchronous current generators, has as its objective the maintenance of a constant operation of the machine, in its regime of greater efficiency. Generally, this means to maintain the power factor at values close to 1, but if the synchronous machine is also used to phase-shift other utilities in the same settlement, these values may vary.

#### **Technical characteristics of the generator BERTOLI 15CAR44T:**

Phase type: Singlephase / Threephase  
Maximum Singlephase output: 10.5 KW  
Maximum SinglePhase output: 13 KVA  
Maximum ThreePhase Power: 32 KW  
Maximum ThreePhase Power: 40 KVA  
Frequency: 50 Hz  
Voltage: 400 V  
Current Supplied: 63 A  
Power Factor: 0.8  
Motor Power: 90 HP  
Motor RPM: 1500 rpm  
Alternator Brand: MeccAlte  
Alternator Model: Ecp32  
Alternator: Self-excited brushless  
Stabilization: AVR  
Number of poles: 4  
Mechanical protection: IP23

Length: 1100 mm  
Width: 900 mm  
Height: 1100 mm  
Dry weight: 325 Kg

#### Equipment:

- Gears multiplier
- Socket panel
- 1 x 63 A 5P
- 1 x 16 A 3P
- MV and Diff Int
- Voltmeter
- Frequency Meter
- Amperometer

If you are looking for a cardan generator with different features, then we recommend that you browse our catalog of [cardan generators](#) to find the one that comes closest to your needs.

Images and technical data are not binding.

## Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	10.5
Maximum power single phase (KVA)	13
Maximum power three phase (KW)	32
Maximum power three phase (KVA)	40
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x 400V 32A 5P CEE - 1 x 230V 16A 3P CEE
Engine rpm (rpm)	1500
Alternator	MECC ALTE ECP32
Poles	4
Protection degree	IP23
Required tractor power	90 CV
Length (mm)	1100
Width (mm)	900
Height (mm)	1100
Dry weight (Kg)	325
Silenced	No
Super silenced	No
Voltage regulator	AVR