

## GENERATOR GROUP-500

### CARATERISTICS

#### CONSTRUCTION: FIXED / AUTOMATIC

Brand of the group	CAPCONDO
Type of control panel	CAT05-1
Maximum power in emergency service by default of the sector (LTP power "Limited Time Power" of ISO 8528-1)	From 35 kVA-28 Kw to 500 kVA 400 kW
Power in main operation (Prime Power of ISO 8528-1)	From 32 kVA-25.6 Kw to 450 kVA 360 kW
Maximum active power tolerance (kW)	±5%
Default mains emergency current	According to power
Main operating current	According to power
Voltage	400 V
Number of phases	3 + N
Steady state voltage accuracy	±1,5%
Voltage adjustment margin	±5%
Power factor	0,8 - 1
Rotational speed	1.500 r.p.m.
Frequency	50 Hz
Frequency variation in steady state	+4% -1%
Power of heating resistor (Only for the first time)	500 W
First permissible load step	According to power
Average sound level at 1 m from the unit in a non-reverberant room	< 95 dBA
Noise level at 1 m from exhaust pipe without silencer	< 108 dBA



**Société CAPCONDO S.A.R.L,**

Adresse : Avenue 14 Janvier 2011 - 8060 - Beni Khier-Tunisie

Tel/Fax: (+216) 72229800 - Site web: [www.capcondo.tn](http://www.capcondo.tn) -

Email: [contact@capcondo.tn](mailto:contact@capcondo.tn) [capcondo1@gmail.com](mailto:capcondo1@gmail.com)

## DIMENSIONS AND CONSUMPTION

Length x Width x Height	According to model
Weight without fuel	According to model
Fuel tank capacity	De 250 l à 620 l
Specific fuel consumption	According to model
Fuel consumption with 75% load	According to model

## DIESEL ENGINE

Make and Model	Baudoin4M06G35/5
Cycle	4-stroke diesel
Cooling	Water by radiator
Number and arrangement of cylinders	From 4 to 6 in a row
Total cylinder capacity	According to power
Air aspiration	Turbo
Speed regulator	Mechanical
Oil capacity	According to power
Oil consumption at full load	<0.08 l/h
Cooling system capacity (water with 40% antifreeze)	<10.5 l

## ALTERNATOR

Make and Model	STAMFORD UCI 274G
Connexion	Star
Insulation class	H
Electronic voltage regulator	SX -460
Short-circuit current maintained	IP23

## BANKS

Quantity	1 ou 2
Current voltage	12 V
Capacity of each bank	According to power
Type	Lead-acid

