



Generating Set Installation Data		3.000 r.p.m.
<b>EXHAUST SYSTEM</b>		
Max. exhaust temperature at full load	°C	485
	°F	905
Exhaust gas flow	Q(m <sup>3</sup> /h)	95
Heat rejected to exhaust	(kW-IFN)	6,8
Maximum allowed back pressure	mm/WS	270
<b>AIR REQUIREMENT</b>		
Air requirement for combustion at 100% load / rated speed	m <sup>3</sup> /min	0,69
	ft <sup>3</sup> /min	25
<b>ELECTRIC STARTING SYSTEM</b>		
Starting motor output	kW	0,8
	CV	1,09
Minimum recommended battery capacity	Ah	14V aprox. 14A
Auxiliary voltage	Vcc.	12V
<b>LIQUID CAPACITY</b>		
Lube oil system including sump, filters, etc.	L	1,1 max. / 0,6 min.
	qts	1,16 max. / 0,63 min.
Fuel tank capacity	L	5
<b>WEIGHT AND DIMENSIONS</b>		
Length	m - ft	0,83 - 2,72
Width	m - ft	0,62 - 2,03
Height	m - ft	0,6 - 1,97
Shipping volume seaworthy packing (standard supplier)	m <sup>3</sup> - ft <sup>3</sup>	0,31 - 10,9
Dry weight (with standard accessories)	kg - lb	120 - 264

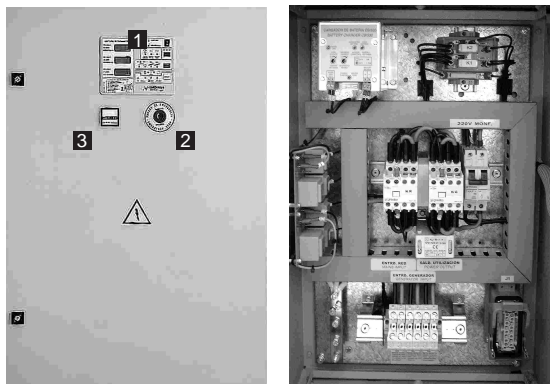
## CONTROL PANEL

Key start control panel



- 1.- Voltmeter
- 2.- Hour meter 230V
- 3.- Battery charger led
- 4.- Oil pressure led
- 5.- Two poles thermal magnetic protection
- 6.- Earth leakage (differential) protection
- 7.- Start key
- 8.- Protection fuses
- 9.- Earth connection. (Panel backside)

Automatic control panel



"CD"

- 1- AUTOMATIC switchboard model CTA01

### READINGS:

Amps per phase, Frequency meter, Voltage mains and genset, Mains detector.

### ACOUSTIC ALARMS THROUGH CODE FOR:

Low oil pressure, Alternator battery charger failure, High temperature, Start failure.

- 2- Emergency stop button.

- 3- Hour meter.

- 4- INTERNAL COMPOSITION:

Change over contactor mains-genset, Battery charger, Protection fuses, Current transformers, Plate voltmeter transformers for mains (voltage measure), Plate voltmeter transformers for genset (voltage measure), Electronical and mechanical interlocking for contactors, Terminal rail for output / input, Plate relay switch off / on, Engine wiring connection, Strip earth connection, 2 poles thermal magnetic protection , 6 mt control cables manoeuvre.