

22 kVA
28 kVA
37 kVA
45 kVA
55 kVA
75 kVA
90 kVA
110 kVA
125 kVA
150 kVA

▶ **175 kVA**

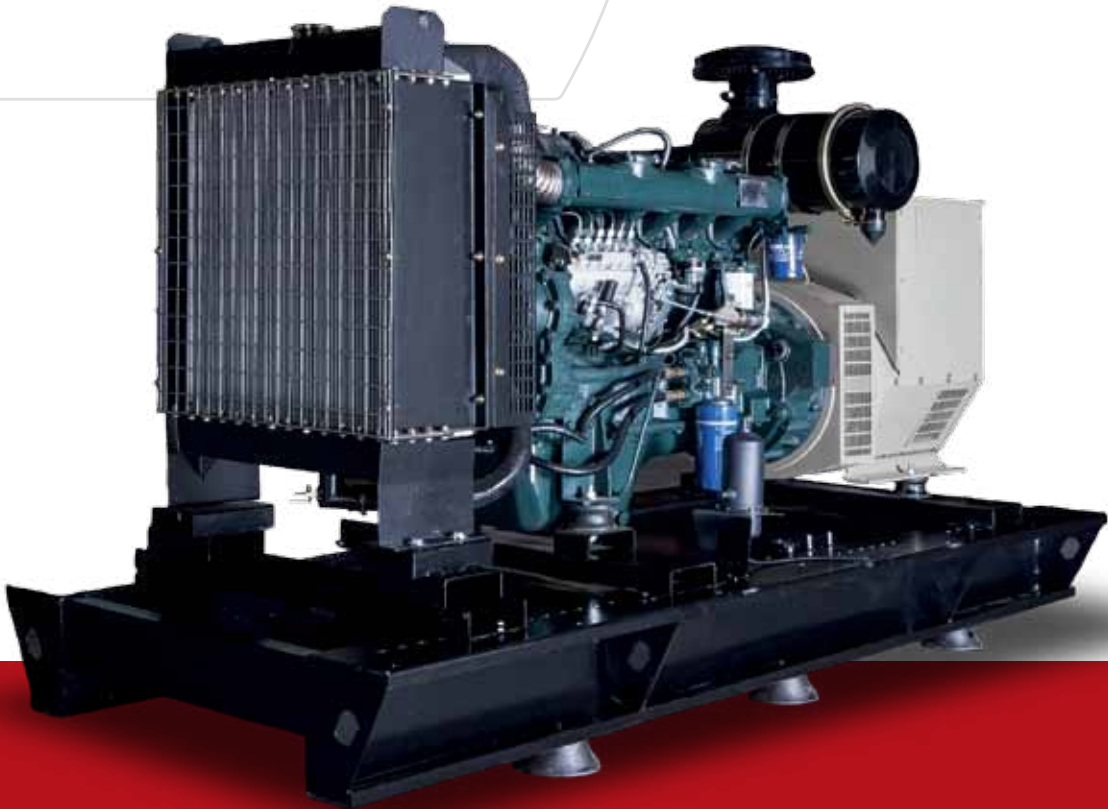
225 kVA
250 kVA



“run for **more**”

AJ-ELLA 175

TECHNICAL SPECIFICATIONS



STANDARD PROPERTIES

- Flexible oil pipes and oil draining valve
- Pre-heater
- Lubrication oil and anti-freeze
- Batteries and cables
- Electrostatic paint coated, steel, welded chassis
- Fuel tank housed in the chassis
- Electronic battery charger



OUTPUT VALUES

Standby Power

kVA	kW	Amper
175	140	250

Prime Power

kVA	kW	Amper
157	126	225

DIESEL ENGINE

Cutting edge motor brands are used that are compatible with ISO 8528, ISO 3046, BS 5514, DIN 6271 standards, with their low fuel consumption, fuel pump mounted, mechanic and electronic type governor.

Brand	ELLA
Model	E6105IZLD1
Max. Total Output Power (kW/hp)	145/195
Cubic Capacity (lt)	7,1
Cylinder Arrangement	6 Single Lines
Bore x Stroke (mm*mm)	105*130
Compression Ratio	16:01
Governor Type	Mechanic
Revolution	1500 RPM
Intake System	Turbocharge
Spray Pattern	Direct
Cooling Pattern	Water cooled
Electric System (VCD)	24
Oil Capacity (lt)	18
Cooling Water Capacity (lt)	29
Fuel Consumption 50% (lt/h)	15,8
Fuel Consumption 75% (lt/h)	24,5
Fuel Consumption 100% (lt/h)	32,4

*Altas Generator reserves its right to change the specifications and cabin sizes in advance due to the continuing developments in the generator technology without any prior notification.

ALTERNATOR

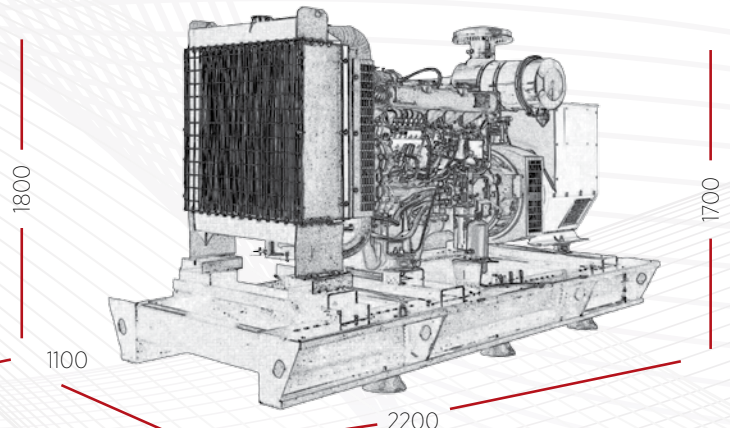
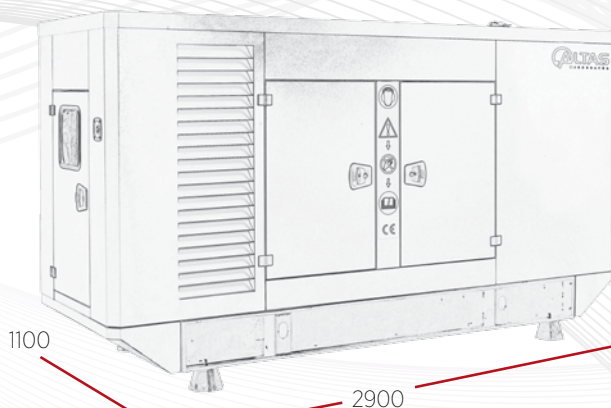
4 poles, self-excitation, brushless, synchro type alternator, electronic type voltage regulator with a maintenance-free bearing system that enables precision voltage adjustment.

Brand	ELLA
Output Voltage (V)	230/400
Frequency (Hz)	50
Permanent Voltage Reg. (±)	1%
Short Circuit Current	300% (10 sec)
Isolation Class	H
Protection Class	IP23
Productivity (%)	93,3
Overload Uptime	110% for one hour
Power Factor (cos Phi)	0,8
Total Harmonic Degradation	< 3 %
Connection Style	Star
Number of Poles	4
Number of Bearings	Single

DIMENSION AND WEIGHT

Canopy Group	Width (mm)	1100
	Length (mm)	2900
	Height (mm)	1800
	Weight (Kg)	1900
	Fuel Tank Capacity (lt)	220

Without Canopy Group	Width (mm)	1100
	Boy (mm)	2200
	Height (mm)	1700
	Weight (Kg)	1500
	Fuel Tank Capacity	220



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OPTIONAL FEATURES

- Soundproof canopy
- Transfer switch
- Fuel sedimentary filter
- Alternator output switch
- Heating system for fuel tank
- Oil heater
- External fuel tank and transfer pump
- Remote control and monitoring
- Synchronization systems
- Special type exhaust muffler
- Trailer
- Noise level: 76dB / 7m

CONTROL PANEL FEATURES



- Diesel and gas genset support
- 400 Hz operation support
- 400 event logs, full snapshot
- All parameters front panel editable
- 3 level configuration password
- 128x64 graphical LCD display
- Downloadable language
- Waveform display of V&I
- Harmonic analysis of V&I
- 16 Amp MCB & GCB outputs
- 8 configurable digital inputs
- 6 configurable digital outputs
- 3 configurable analog inputs
- CANBUS-J1939 & MPU input
- 3 configurable service alarms
- Multiple automatic exerciser
- Weekly operation schedule
- Dual mutual standby with equal aging of gensets
- Manual 'speed fine adjust' on selected ECUs
- Automatic fuel pump control
- Disable protections feature
- Excess power protection
- Reverse power protection
- Overload IDMT protection
- Load shedding, dummy load
- Multiple load management
- Current unbalance protection
- Voltage unbalance protection
- Fuel filling & fuel theft alarms
- Battery back-up real time clock
- Idle speed control
- Battery charge run enabled
- Combat mode support
- Multiple nominal conditions
- Contactor & MCB drive
- 4 quadrant genset power counters
- Mains power counters
- Fuel filling counter
- Fuel consumption counter
- Modem diagnostics
- Configurable through USB, RS-232 and GPRS
- Free configuration software
- SMS controls enabled
- Ready for central monitoring
- Mobile genset support
- Automatic GSM geo-location
- GPS connection (RS232)
- USB firmware upgrade
- IP65 rating with standard gasket