



AJ-P 1650

STANDARD PROPERTIES

Preheater
Batteries and cables
Electronic battery charger
Fuel tank integrated in the chassis
Flexible fuel hoses and oil drain valve
Electrostatic powder painted chassis made of steel sheet welded
Stainless galvanized steel cabinet design

OUTPUT VALUES

Standby Power				Prime Power		
kVA	kW	Ampere		kVA	kW	Ampere
1650	1320	2376		1500	1200	2160

DIESEL ENGINE

ISO 8528, ISO 3046, BS 5514, DIN 6271 state-of-the-art engine brands with low fuel consumption, fuel pump mounted, mechanical or electronic type governor are used.

Brand	Perkins
Model	4012-46TAG2A
Max Total Output Power (kWm/hp)	1395/1870
Cylinder Volume (lt)	45,84
Cylinder Arrangement	12 V - Type
Bore x Stroke (mm*mm)	160*190
Governor Type	Electronic
Cycle (Rotation)	1500 RPM
Intake System	Turbocharge/Intercooler
Spray Type	Directly
Cooling Type	Water Cooled
Electric System (VCD)	24
Oil Capacity (lt)	177
Cooling Water Capacity (lt)	207
Fuel Consumption %50 (lt/h)	157
Fuel Consumption %75 (lt/h)	234
Fuel Consumption %100 (lt/h)	310

ALTERNATOR

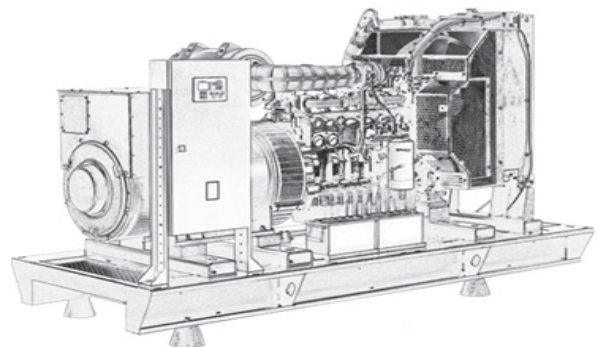
4-pole self-excited brushless, synchronous alternator, maintenance-free bearing system, providing precise voltage adjustment with electronic type voltage regulator.

Output Voltage (V)	230/400
Frequency (Hz)	50
Permanent Voltage Reg. (±) (%)	0,01
Short Circuit Current	% 300 (10 sec)
Insulation Class	H
Protection Class	IP23
Efficiency(%)	95,9
Working Time at Overload	% 110 for 1 hour
Power Factor (cos Phi)	0,8
Total Harmonic Distortion Rate	% 2 less than
Connection Style	Phillips (Star)
Pole Number	4
Number of Beds	Single
Cabin Type	AJ-30-01

Altas Generator reserves the right to make changes in the technical specifications and cabin dimensions in advance due to the ongoing developments in generator technology without prior notice..

DIMENSIONS AND WEIGHT

CABINET GROUP	Width (mm)	2440		CABINLESS GROUP	Width (mm)	2350
	Size (mm)	9150			Size (mm)	5500
	Height (mm)	3000			Height (mm)	2750
	Weight (Kg)	13200			Weight (Kg)	10700
	Fuel Tank Capacity (Lt)	1500			Fuel Tank Capacity (Lt)	1500



OPTIONAL FEATURES

- Sound insulation cabin
- Transfer board
- Fuel water separator filter
- Alternator output switch
- Fuel tank heater
- Oil heater
- External fuel tank and transfer pump
- Remote monitoring and control
- Synchronization systems
- Special type exhaust silencer
- Trailer

CONTROL PANEL FEATURES



- Diesel and gas generator support
- 400 Hz generator support
- Event record with 400x measurement value
- All parameters can be changed from the front panel
- 3 level program password
- 128x64 pixel graphic LCD
- Language upload
- Current-voltage waveform
- Current-voltage harmonic analysis
- 16 Amp / 250V ŞK / JK outputs
- 8 programmed digital inputs
- 6 programmed digital outputs
- 3 programmed analog inputs
- CANBUS-J1939 & MPU input
- 3 scheduled service alarms
- Multiple automatic test program
- 609 / 5000 Çeviri sonuçları Weekly work schedule
- Dual generator support, equal aging
- Fine speed adjustment (some ECUs)
- Automatic fuel pump control
- Protection cancellation feature
- Overpower protection
- Reverse power protection
- Overcurrent IDMT protection
- Load shedding, dummy load
- Multiple load shedding programs
- Current unbalance protection
- Voltage unbalance protection
- Fuel filling and theft alarms
- Battery backed real time clock
- Idle speed control
- Battery charging operation
- Battle mode support
- Multiple nominal condition definitions
- Contactor and motorized switch drive
- 4 quarter energy meters
- Network energy meters
- Fuel fill counter
- Fuel consumption counter
- Modem dignostik page
- Via USB, RS-232 and GPRS parameter setting
- Free configuration software
- SMS control facility
- Ready to watch the center
- Mobile generator support
- Automatic GSM geolocation
- GPS connection (RS232)
- Installing software via USB
- IP65 protection (with gasket)