

SOUNDPROOF & WEATHERPROOF  
AC DIESEL GENERATORS

# MODEL: ATP-35S



## GENSET FEATURES

### ENGINE

- Heavy duty diesel engine.
- Vertical inline, Four stroke, water cooled.
- Direct injection fuel system.
- 12 VDC starter and charge alternator.
- Replaceable fuel filter, oil filter and dry element air filter.
- Cooling radiator and fan.
- Industrial capacity exhaust silencer.
- Built in vibration isolators.
- Closed crankcase ventilation system with filter to eliminate engine room contamination.
- With Turbo-charged.

### ALTERNATOR

- Over-rated, brushless, rotating exciter with solid state AVR.
- Class H winding insulations provide high temperature resistance.
- Standard degree of protection IP21.
- Self exciting and self regulating.
- Factory impregnated epoxy varnished.
- Heavy duty steel frame cast-iron cover.
- Stator grease insulation covered.
- Flywheel location cooling fan.

### CHASSIS

- The complete generator set is mounted as a whole on a heavy duty fabricated steel base frame.
- Anti-vibration pads are fixed between the engine and alternator footings and the base frame.
- Base frame with integrated fuel tank.
- Cylindrical fuel gauge, low stock level switch and drain plug on the fuel tank.
- Provide external fuel connection fittings for bigger fuel reserve tank.
- Outside Oil drain plug designed easy access for change oil maintenance.
- Base frame are factory rustproof using special powder coating paint.

### CANOPY

- Compact designed soundproof and weather-proof canopy.
- All canopy parts are designed with modular principles.
- Detachable designed doors provide most accessible for maintenance and repairs.
- All metal canopy parts are factory rustproof using special powder paint coating.
- Single point lifting eye designed for easy mobilization.
- Transparent glass control panel viewing window.
- Optimized ventilation design makes generator ventilation well.
- Large capacity designed of fuel tank

### CONTROL SYSTEM

- Atlantic Power designed integrated artificial intelligence controller.
- The keyless module manual or automatic start and stop the generator.
- Automatic shutdown on abnormal conditions and indicates service affecting faults.
- Compatible with most standard ATS.
- LED digital metering shows line voltage, current, frequency, operating hours and battery volts.
- Easy to replace with a plug-in type socket at the back of the control module.
- Panel light designed for operators convenient during night uses.



ISO9001:2008

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SPECIFICATIONS			
MODEL		ATP-35S	
<b>- ALTERNATOR</b>			
Make & Model		ATP TWG-224D	
Frequency	Hz	50	60
Output Rating (KVA)	Continuous	30	35
	Standby	35	37.5
No. of Phases		1-Phase (2 Wires) or 3-Phase (4 Wires)	
Rated Voltage	V	200~240 / 380~440	
Power Factor		0.8 (Lagging)	
Voltage Regulation	%	Within +/- 1.5	
Excitation		Brushless, Rotating Exciter (with A.V.R.)	
Insulation		Class H	
<b>- ENGINE</b>			
Make & Model		ATP 4JB1T	
Type		Vertical Inline, Water-cooled, 4-Stroke Direct Injected, Turbo-charged	
Output Rating	Kw/rpm	33/1500	35/1800
No. of Cylinders-Bore x Stroke	mm	4 - 93 x 102	
Piston Displacement	L	2.771	
Fuel		ASTM No.2 Diesel Fuel or Equivalent	
Fuel Consumption @75% load	L/h	3.8	4.5
Lube Oil Capacity	L	6	
Coolant Capacity	L	15	
Battery Capacity	V-Ah	12V-80Ah	
Fuel Tank Capacity	L	80	
<b>- UNIT</b>			
Dimensions	Length mm	1850	
	Width mm	750	
	Height mm	1000	
Dry Weight	kg	920	
<b>- SOUND LEVEL</b>			
dB @ 7m6		66	8

(Specifications are subject to change without prior notice.)

STANDBY: Continuous running at variable load for duration of an emergency. No overload is permitted on these ratings.

STANDBY:

PRIME: Continuous running at variable load for unlimited periods with 10% overload available for 1 hour in any 12 hour period.

PRIME:

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