



EKO-GREENER 60-500kVA

Biodiesel Mobile Generator

Compatible with high
blended biodiesel
of Waste Cooking
Oil (WCO)* up
to B100.



*B100 biodiesel (WCO) in EU14214 standard.

Generate Mobile Electricity in a GREENER Way

AJAX PONG "EKO-GREENER" is specially designed to be compatible in adopting biodiesel (WCO) up to B100. It can synchronise certain number of generators to provide continuous power supply and telematics via website and mobile app. The generator is built with sound-proof materials which largely reduce the noise level during operation.

EKO-GREENER is qualified with Quality Powered Mechanical Equipment (QPME) and the Regulatory Control on Emissions from Non-road Mobile Machinery (NRMMs) by the Environmental Protection Department (EPD), which proves that the generators are notably quieter and less emission, which means EKO-GREENER is more environmentally friendly and efficient.

BENEFITS OF USING BIODIESEL (WCO)

The use of biodiesel is closed to the amount of carbon dioxide absorbed when growing the crops. **It can be treated as carbon neutral fuel.**

MAIN FEATURES



Capable to use biodiesel (WCO) up to B100



Reduce noise level during operation



Built-in EKO drip tray



Real time monitoring through online platform or mobile app



With QPME and NRMM labels



CITF Pre-approved List (in progress)

TECHNICAL SPECIFICATIONS



Brand	AJAX PONG	AJAX PONG	AJAX PONG	AJAX PONG
Model	AP-60BG	AP-100BG	AP-150BG	AP-200BG
General Information				
Rated Prime Power	60 kVA	100 kVA / 115 kVA	150 kVA / 190 kVA	200 kVA / 220 kVA
Rated Frequency	50Hz	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz
Rated Speed	(50Hz) 1,500RPM	(50Hz) 1,500RPM (60Hz) 1,800RPM	(50Hz) 1,500RPM (60Hz) 1,800RPM	(50Hz) 1,500RPM (60Hz) 1,800RPM
Rated Voltage	400V	400V / 440V	400V / 440V	400V / 440V
Power Factor	0.8	0.8	0.8	0.8
No. of Phases	3-Phase, 4-Wire	3-Phase, 4-Wire	3-Phase, 4-Wire	3-Phase, 4-Wire
Control System	Digital	Digital	Digital	Digital
Dimension (L x W x H)	2,750 x 1,150 x 1,500 mm	2,750 x 1,200 x 1,500 mm	3,500 x 1,300 x 1,700 mm	3,600 x 1,400 x 1,800 mm
Weight	2,150kg	2,085kg	3,300kg	3,150kg
Engine Specifications				
Engine Model	FPT - NEF45SM1F.S500	FPT - NEF45TE2P.9S550	FPT - NEF67TE1PV.S550	FPT - NEF67TE3PV.S550
Emission	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA
Engine Gross Prime Power	62kW at 1,500RPM	91kW at 1,500RPM 114kW at 1,800RPM	150kW at 1,500RPM 165kW at 1,800RPM	155kW at 1,500RPM 191kW at 1,800RPM
Cylinders	4	4	4	6
Displacement	4.5 L	4.5 L	4.5L	6.7 L
Fuel	Biodiesel: B5-100 Diesel Fuel: ULSD	Biodiesel: B5-100 Diesel Fuel: ULSD	Biodiesel: B5-100 Diesel Fuel: ULSD	Biodiesel: B5-100 Diesel Fuel: ULSD
Fuel Tank Capacity	240L	250L	385L	400L
Fuel Consumption	16.7kg/h at 1,500RPM 100% load	16.1kg/h at 1,500RPM 80% load 20.1kg/h at 1,800RPM 80% load	28.6kg/h at 1,500RPM 100% load 32.3kg/h at 1,800RPM 100% load	30kg/h at 1,500RPM 80% load 35kg/h at 1,800RPM 80% load
Applicable Standards	BS EN 60034 BS5000 VDE 0530 NEMA MG1-32 IEC34 CSA C22.2-100 AS1359	BS EN 60034 BS5000 VDE 0530 NEMA MG1-32 IEC34 CSA C22.2-100 AS1359	BS EN 60034 BS5000 VDE 0530 NEMA MG1-32 IEC34 CSA C22.2-100 AS1359	BS EN 60034 BS5000 VDE 0530 NEMA MG1-32 IEC34 CSA C22.2-100 AS1359
Environmental Conditions				
Ambient Temperature	+5°C ~ + 40°C	+5°C ~ + 40°C	+5°C ~ + 40°C	+5°C ~ + 40°C
Altitude	≤ 1,000m	≤ 1,000m	≤ 1,000m	≤ 1,000m
Sound Power Level 7m dB(A) 1500/1800rpm(min-1)	93	95	94	97



Brand	AJAX PONG	AJAX PONG	AJAX PONG	AJAX PONG
Model	AP-300BG-1	AP-300BG	AP-400BG	AP-500BG
General Information				
Rated Prime Power	300 kVA / 325 kVA	300 kVA / 325 kVA	400 kVA / 410 kVA	500 kVA / 540 kVA
Rated Frequency	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz
Rated Speed	(50Hz) 1,500RPM (60Hz) 1,800RPM	(50Hz) 1,500RPM (60Hz) 1,800RPM	(50Hz) 1,500RPM (60Hz) 1,800RPM	(50Hz) 1,500RPM (60Hz) 1,800RPM
Rated Voltage	400V / 440V	400V / 440V	400V / 440V	400V / 440V
Power Factor	0.8	0.8	0.8	0.8
No. of Phases	3-Phase, 4-Wire	3-Phase, 4-Wire	3-Phase, 4-Wire	3-Phase, 4-Wire
Control System	Digital	Digital	Digital	Digital
Dimension (L x W x H)	4,200 x 1,400 x 2,100 mm	5,039 x 1,659 x 2,375 mm	5,039 x 1,659 x 2,375 mm	5,233 x 1,943 x 2,555 mm
Weight	4,840kg	7,070kg	7,384kg	8,429kg
Engine Specifications				
Engine Model	SCANIA - DC-09 071A	SCANIA - DC-09 071A	SCANIA - DC-13 071A	SCANIA - DC-16 071A
Emission	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA	EU Stage IIIA
Engine Gross Prime Power	267kW at 1,500RPM 292kW at 1,800RPM	267kW at 1,500RPM 292kW at 1,800RPM	364kW at 1,500RPM 371kW at 1,800RPM	438kW at 1,500RPM 483kW at 1,800RPM
Cylinders	5	5	6	8
Displacement	9.3 L	9.3 L	12.7 L	16.4 L
Fuel	Biodiesel: B5-100 Diesel Fuel: ULSD	Biodiesel: B5-100 Diesel Fuel: ULSD	Biodiesel: B5-100 Diesel Fuel: ULSD	Biodiesel: B5-100 Diesel Fuel: ULSD
Fuel Tank Capacity	490L	490L	490L	490L
Fuel Consumption	205g/kWh at 1,500rpm 100% load 207g/kWh at 1,800rpm 100% load	205g/kWh at 1,500rpm 100% load 207g/kWh at 1,800rpm 100% load	202g/kWh at 1,500rpm 100% load 208g/kWh at 1,800rpm 100% load	204g/kWh at 1,500rpm 100% load 211g/kWh at 1,800rpm 100% load
Applicable Standards	BS EN 60034 BS5000 VDE 0530 NEMA MG1-32 IEC34 CSA C22.2-100 AS1359	BS EN 60034 BS5000 VDE 0530 NEMA MG1-32 IEC34 CSA C22.2-100 AS1359	BS EN 60034 BS5000 VDE 0530 NEMA MG1-32 IEC34 CSA C22.2-100 AS1359	BS EN 60034 BS5000 VDE 0530 NEMA MG1-32 IEC34 CSA C22.2-100 AS1359
Environmental Conditions				
Ambient Temperature	+5°C ~ + 40°C	+5°C ~ + 40°C	+5°C ~ + 40°C	+5°C ~ + 40°C
Altitude	≤ 1,000m	≤ 1,000m	≤ 1000m	≤ 1,000m
Sound Power Level 7m dB(A) 1500/1800rpm(min-1)	97	97	98	103



AP POWER LIMITED
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