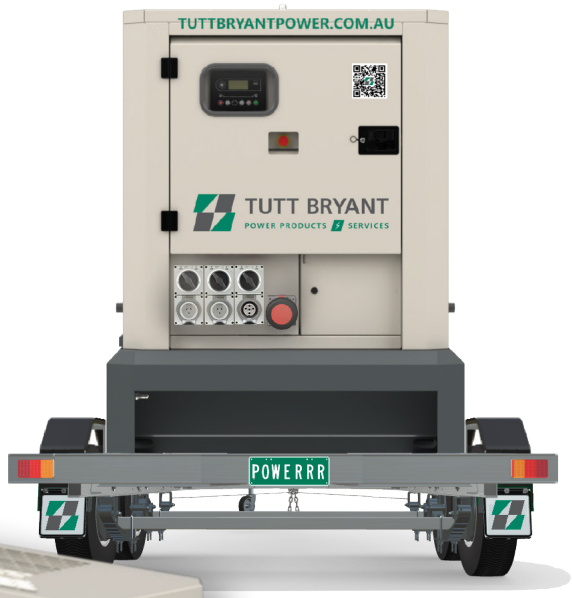
Diesel generating sets worldwide

RENTAL SERIES

22kVA - 220 kVA



HVO Fuel Compatible

TUTT BRYANT
POWER PRODUCTS SERVICES

AJ Power Rental Series Features

- Heavy duty base provides the highest standard of durability and resistance, painted using a high quality powder coating process.
- Baseframe extends beyond canopy to protect canopy during lifting and handling.
- The baseframe is provided with integrated fork pockets for easy manoeuvrability and site positioning.
- Integrated tie down points within the fork pockets.
- Fully bunded metal fuel tank, with bund leak alarm.
- Fuel system complete with Racor filter/water separator, mechanical level gauge and analogue fuel sensor.
- Fuel tank access hatch for inspection and cleaning.
- Lockable fuel cap.
- Fuel system includes two-way valve for easy selection of fuel supply from integrated or external tank.
- External fuel connections via quick release fittings.
- Lube oil drain pump.
- Manual battery isolating switch.
- Access hatch to fill radiator, with removable access panel to clean radiator.
- Drip tray for lube oil and coolant containment.
- Captive anti vibration mountings.

Canopy Features

- Heavy duty canopy manufactured from galvanised sheet steel and treated with polyester powder coated paint for additional durability.
- Access doors on each side, with padlockable and lockable handles, for easy maintenance and service.
- Single lifting point.
- Canopy lined with waterproof glass fibre sound proofing.
- Door stays.
- Supervisory controller viewing window.
- Document holder - internal box for documents, manuals and electrical drawings.

Ratings Definitions (ISO 8528-1)

ESP - Emergency Standby Power:

It is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers.

The permissible average power output over 24h of operation shall not exceed 70% of the ESP.

PRP - Prime Power:

It is defined as being the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output over 24h of operation shall not exceed 70% of the PRP.

G2 class load acceptance in accordance with ISO 8528-5.
Gensets are CE compliant.

Fully certified to Stage V emissions up to and including the Prime Power rating.

Overview

JR3-AJ22S-5P1

Perkins Engine Model	Cyclinders	Standby		Prime		Length	Width	Height	Wet Weight
404J-22G	4	22.0kVA	17.6kW	20.0kVA	16.0kW	2164 mm	1150 mm	1355 mm	1400 kg
Noise @ 1m (75% load, canopy)	Cubic Capacity	Aspiration		Standby Fuel Consumption		Fuel Tank	Runtime	Control Panel	Service Intervals
73.8 dB (A)	2.2 L	Naturally		6.3 L/Hr		140 L	35 hrs	DSE 6110	500 hrs

JR3-AJ66S-5P1

Perkins Engine Model	Cyclinders	Standby		Prime		Length	Width	Height	Wet Weight
904J-E36TAG3	4	60.0kVA	52.8kW	60.0kVA	48.0kW	2930 mm	1435 mm	1800 mm	2210 kg
Noise @ 1m (75% load, canopy)	Cubic Capacity	Aspiration		Standby Fuel Consumption		Fuel Tank	Runtime	Control Panel	Service Intervals
78.6 dB (A)	3.6 L	Turbocharged		15.7 L/Hr		255 L	24 hrs	DSE 7410	500 hrs

JR3-AJ138S-5A1

AGCO Engine Model	Cyclinders	Standby		Prime		Length	Width	Height	Wet Weight
49 LFTN	4	138kVA	110.4kW	125kVA	100kW	3127 mm	1435 mm	1940 mm	2860 kg
Noise @ 1m (75% load, canopy)	Cubic Capacity	Aspiration		Standby Fuel Consumption		Fuel Tank	Runtime	Control Panel	Service Intervals
78.1 dB (A)	4.9 L	Turbocharged		26.0 L/Hr		590 L	29 hrs	DSE 7410	600 hrs

JR3-AJ220S-5A1

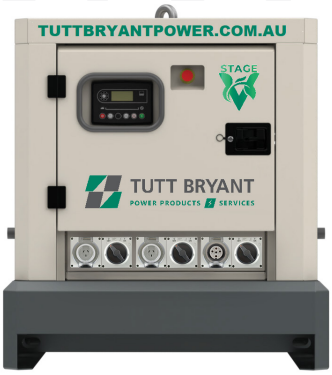
AGCO Engine Model	Cyclinders	Standby		Prime		Length	Width	Height	Wet Weight
74 LFTN	6	220kVA	176kW	200kVA	160kW	4028 mm	1468 mm	2270 mm	3750 kg
Noise @ 1m (75% load, canopy)	Cubic Capacity	Aspiration		Standby Fuel Consumption		Fuel Tank	DEF (AdBlue)	Runtime	Control Panel	Service Intervals
77.1 dB (A)	7.4 L	Turbocharged		46.0 L/Hr		824 L	58 L	26 hrs	DSE 7410	600 hrs

Socket Outlets

DIESEL GENERATOR MODEL	JR3-AJ22S-5P1	JR3-AJ66S-5P1	JR3-AJ138S-5A1	JR3-AJ220S-5A1
Standby Power (kVA)	22	66	138	220
4 Pole MCB (A)	32	32	250	250
Socket Outlet Three Phase 125A 5-Pin	0	1	1	1
Socket Outlet Three Phase 63A 5-Pin	0	1	1	1
Socket Outlet Three Phase 32A 5-Pin	1	1	0	0
Socket Outlet Single Phase 32A 3-Pin	0	0	1	2
Socket Outlet Single Phase 16A 3-Pin	2	1	1	1
Inlet Plug Auxiliary Power Supply Single Phase 16A 3-Pin	1	1	1	1

*Custom outlets can be fitted upon request

AJ22



POWER RATING

Standby Power	22.0 kVA / 17.6 kW
Prime Power	20.0 kVA / 16.0 kW
Frequency	50 Hz
Voltage	400 V
Phases	3
Power Factor	0.8
ESP Current 400V @ 0.8pf	31.8 A
PRP Current 400V @ 0.8pf	28.9 A

ENGINE SPECIFICATION

Engine Brand	Perkins UK
Model	404J-22G
Displacement	2.2 litres
Speed Governor	Mechanical
Exhaust Emission Level	Stage V
Service Intervals - Engine Oil and Filters	500 Hours

FUEL TANK

Fuel Tank Capacity (usable)	140 litres
Fuel Consumption 100% PRP	5.5 l/h
Fuel Consumption 100% ESP	6.3 l/h
HVO Fuel Compatible	

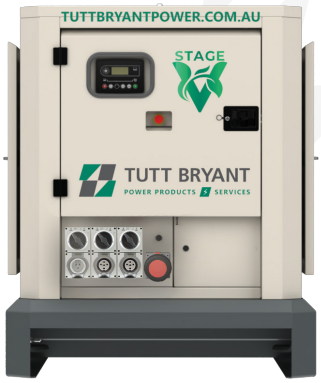
DIMENSIONS & WEIGHT

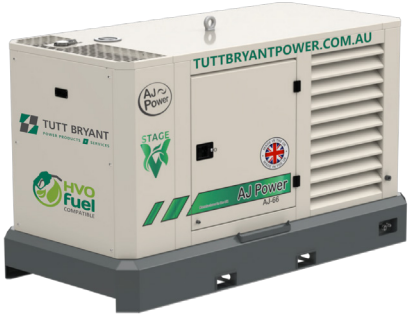
Length	2164 mm
Width	1150 mm
Height	1355 mm
Weight (including fuel)	1400 kg

SPECIFICATIONS

Control Panel	Manual / Autostart genset controller (DSE 6110) Deep Sea
Sockets Outlet	Refer to page 3
Options	• DSE2157 Output (8) Expansion Module • Mecc Alte V-Type Alternator

AJ66





POWER RATING

Standby Power	66.0 kVA / 52.8 kW
Prime Power	60.0 kVA / 48.0 kW
Frequency	50 Hz
Voltage	400 / 230 V
Phases	3
Power Factor	0.8
ESP Current 400V @ 0.8pf	95.26 A
PRP Current 400V @ 0.8pf	86.60 A

ENGINE SPECIFICATION

Engine Brand	Perkins UK
Model	904J-E36TAG3
Displacement	3.6 litres
Speed Governor	Electronic
Exhaust Emission Level	Stage V
Service Intervals - Engine Oil and Filters	500 Hours

ENGINE AFTERTREATMENT SYSTEM

Aftertreatment Technologies	Diesel Particulate Filter (DPF) Diesel Oxidation Catalyst (DOC)
DPF	Passive regeneration doesn't affect operation. Service tool required for user forced regeneration.

FUEL TANK

Fuel Tank Capacity (usable)	255 litres
Fuel Consumption 100% ESP	15.7 l/h
Runtime @ 75% Load PRP	24 Hours
HVO Fuel Compatible	

SPECIFICATIONS

Control Panel	• Manual / Autostart genset controller (DSE 7410) Deep Sea • Detailed event log (250 entries) with time and date
Sockets Outlet	Refer to page 3

DIMENSIONS & WEIGHT

Length	2930 mm
Width	1435 mm
Height	1800 mm
Weight (including fuel)	2210 kg

AJ138

POWER RATING

Standby Power	138.0 kVA / 110.4 kW
Prime Power	125.0 kVA / 100.0 kW
Frequency	50 Hz
Voltage	400 / 230 V
Phases	3
Power Factor	0.8
ESP Current 400V @ 0.8pf	199.2 A
PRP Current 400V @ 0.8pf	180.4 A

ENGINE SPECIFICATION

Engine Brand	AGCO
Model	49 LFTN
Displacement	4.9 litres
Speed Governor	Electronic
Exhaust Emission Level	Stage V
Service Intervals - Engine Oil and Filters	600 Hours + 100 Hours**

**Extra 100 Hours available based on monitoring engine load and oil temperature

ENGINE AFTERTREATMENT SYSTEM

DEF (AdBlue)	60 litres moulded plastic tank, located behind lockable access door. Integrated heating from engine cooling circuit.
DEF Tank Capacity (usable)	58 litres
DEF Consumption 100% ESP	4.5 l/h

DIMENSIONS & WEIGHT

Length	3127 mm
Width	1435 mm
Height	1940 mm
Weight (including fuel)	2860 kg

SPECIFICATIONS

Safety switch fitted to trip the breaker if operator opens the power section door (padlockable).	
Outlet Sockets	Refer to page 3
Options	• DSE2157 Output (8) Expansion Module • Mecc Alte V-Type Alternator

FUEL TANK

Fuel Tank Capacity (usable)	590 litres
Fuel Consumption 100% PRP	26.0 l/h
HVO Fuel Compatible	

AJ220

POWER RATING

Standby Power	220.0 kVA / 176.0 kW
Prime Power	200.0 kVA / 160.0 kW
Frequency	50 Hz
Voltage	400 V
Phases	3
Power Factor	0.8
ESP Current 400V @ 0.8pf	317.6 A
PRP Current 400V @ 0.8pf	288.7 A

ENGINE SPECIFICATION

Engine Brand	AGCO
Model	74 LFTN
Displacement	7.4 litres
Speed Governor	Electronic
Exhaust Emission Level	Stage V
Service Intervals - Engine Oil and Filters	600 Hours + 100 Hours**

**Extra 100 Hours available based on monitoring engine load and oil temperature

ENGINE AFTERTREATMENT SYSTEM

DEF (AdBlue)	60 litres moulded plastic tank, located behind lockable access door. Integrated heating from engine cooling circuit.
DEF Tank Capacity (usable)	58 litres
DEF Consumption 100% ESP	5.5 l/h

SPECIFICATIONS

Single Phase 16A 3-Pin Inlet Plug for auxiliary power supply	
Outlet Sockets	Refer to page 3

DIMENSIONS & WEIGHT

Length	4028 mm
Width	1468 mm
Height	2270 mm
Weight (including fuel)	3750 kg

FUEL TANK

Fuel Tank Capacity (usable)	824 litres
Fuel Consumption 100% PRP	41.0 l/h
Fuel Consumption 100% ESP	46.0 l/h
HVO fuel compatible	

TUTT BRYANT GO GREEN

ABOUT

Tutt Bryant Go Green aims to introduce innovative and sustainable products, services, and solutions to the domestic market by tapping into the vast and diverse network of global partners and suppliers that have been meticulously assembled by Tutt Bryant over the years.

It is also Tutt Bryant's goal to develop home-grown solutions that are optimised to Australia's unique conditions by utilising in-house capabilities and collaborating with local enterprises.

Go Green provides a reliable national approach, aligned with our customers sustainability targets including:

- Energy Efficiency
- Plant Electrification
- Low Carbon Fuels and Energy Sources

Our Approach

The Tutt Bryant Go Green initiative seeks to increase the sustainable options available in Tutt Bryant's portfolio through:

- Working with our committed OEM partners
- Broad collaboration with a multi divisional focus
- Leveraging from our depth in resources
- Reliable National approach
- Financing options
- Balance of Plant capability
- Testing facilities
- Aligning growth with our customers

TUTT BRYANT POWER PRODUCTS & SERVICES LOCATIONS

NSW

SYDNEY
23 Grahams Hill Road
Narellan 2567
02 9780 7200

QLD

BRISBANE
539 Boundary Road
Archerfield 4108
07 3373 6400

SA

ADELAIDE
908 Main North Road
Mawson Lakes 5095
08 8162 0900

WA

PERTH
50 Great Eastern Highway
South Guildford 6055
08 9478 0600

BUNBURY
6-10 Hawkins Street
East Bunbury 6230
08 9796 8700

VIC

DANDENONG
80-86 Frankston-Dandenong Road
Dandenong 3175
03 9554 0300

EPPING
1/189 O'Herns Road
Epping 3076
03 9554 0380

1300 658 888
tuttbryantpower.com.au | powergen@tuttbryant.com.au

TUTT BRYANT POWER PRODUCTS & SERVICES

©Copyright Tutt Bryant Group Limited
09.2026

FOLLOW US ON SOCIAL MEDIA