



A100JS

100KVA



KEY SPECS

Continuous Power (PRP)	100	KVA
Continuous Power (PRP)	80	KW
Stand-by Power (LTP)	110	KVA
Stand-by Power (LTP)	88	KW
Voltage·Frequency·Power Factor	208V·60Hz·0.8	
LwA Measured sound power level	95.0	dBA
Sound pressure 7 metres	67	dBA
Sound pressure 7 metres	63	dBA

ENGINE

Engine brand	Johndeere	
Engine model	4045HFG04	
Cylinders	4	
Speed	1800	r.p.m.
Cubic capacity	4.5	l
Air intake	Turbocharged	
Intake resistance.	≤3.75	kPa
Standard voltage	12	Vdc
Cooling	Water	
Flywheel P.R.P. Power	99	KW
Flywheel Stand-by Power	90	KW
Fuel Cons. at 110% (L.T.P.)	24.6	l/h
Fuel Cons. at 100% (P.R.P.)	22.2	l/h
Fuel Cons. at 75% (P.R.P.)	16.7	l/h
Fuel Cons. at 50% (P.R.P.)	11.8	l/h
Fuel Cons. at 25% (P.R.P.)	7.1	l/h
Engine speed regulator	ECU	
Fuel injection	High pressure common rail	
Oil quantity	11	l
Engine Antifreeze capacity	8.5	l
Back pressure	≤14.2	kPa
Emissions	Tier 4 Final	EPA

DIMENSIONS AND WEIGHT

Width	1172	mm
Length	3160	mm
Height	1977	mm
Weight	2434	kg

ALTERNATOR

Alternator brand	Leroy Somer	
Alternator model	LSA44.3S5	
P.R.P. Power	108	KVA
L.T.P. Power	114	KVA
Connection	Parallel Star	
Phases	3F+N	
Winding	12 term. W 311	
Terminal Number	12	
IP Protection	23	
Electronic regulator	R220	
Precision	±0.5%	

BASEFRAME

Long range fuel tank	680	l
Hours of operation at 75% of load	30	h