

DETAILED SPECIFICATIONS: 3-PHASE MOBILE DIESEL GENERATOR 100KVA

PERFORMANCE	SPECIFICATION	COMPLIANT YES/NO
Standby power	110 kVA	
Prime power	100 kVA	
Continuous power	57 kVA	
Power factor	0.8 ϕ	
Frequency	50 Hz	
Voltage	400 V	
ENGINE DATA	SPECIFICATION	COMPLIANT YES/NO
Engine Type	Four-cylinder	
Standby Power	88 kW	
Prime Power	80 kW	
Continuous Power	60 kW	
Air intake type	Turbo Charged	
Cooling mode	Water Cooling	
Governor mode	Electronic	
Bore x Stroke	105mm x 118mm	
Compression ratio	17.5:1	
Rated Speed	1500 RPM	
Displacement	4.087l	
Starter Motor	24V DC	
Description	Diesel Generator	
ALTERNATOR DATA	SPECIFICATION	COMPLIANT YES/NO
Alternator Type	Brushless, Three phase, Four wire	
Standby Current	159 Amps Per Phase	

Prime Current	144 Amps Per Phase	
Continuous Current	180 Amps Per Phase	
Pole Number	4	
Phase Number	Three Phase	
Excitation Mode	Self-Excitation	
CANOPY DATA	SPECIFICATION	COMPLIANT YES/NO
Controller Display	LCD	
Auto Changeover Scheduling	Yes	
Auto Shutdown Protection	Yes	
TRAILOR DATA	SPECIFICATION	COMPLIANT YES/NO
Roadworthy Certificate	Included	
Axles	2 x 1.6ton axles with a 2.7ton Gross Vehicle Mass (GVM).	
Wheels	4x 14"	
Spare Wheel	1x 14" on the A-Frame	
Frame	76mm x 38mm x 5mm thick open channel A-frame and chassis with 3 cross beams.	
Coupler:	2.7 Ton	
Jockey Wheel	60mm	
Chevron	Yes (At the back)	
Lights	LED	
Paint	Black 2K DUCO or similar	
GENERATOR INSTALLATION DATA	SPECIFICATION	COMPLIANT YES/NO
Mounting	Included	
Electrical Installation	Included	
230V 3-Pin Outlets	4	
400V 5-Pin Outlets	2	
Circuit Breakers	Yes	
Surge Protection	Yes	

OTHER DATA	SPECIFICATION	COMPLIANT YES/NO
Changeover Switch	Manual or Automatic	
Fuel Type	Diesel	
Fuel Tank Capacity	240l	
Oil Type	15W40	
Oil Capacity	14l	
Warranty	12 Months	
Service Plan	24 Months	
DIMENSIONS	SPECIFICATION	COMPLIANT YES/NO
Length	24700 mm	
Width	1100 mm	
Height	1300 mm	
Weight	1540 kgs	