

TECHNICAL DATASHEET / BIG FOX-P 65 FOX

Performance

Continuous power (PRP)	60.0	(KVA)
Continuous power (PRP)	48.0	(KW)
Stand-by power (LTP)	63.0	(KVA)
Stand-by power (LTP)	50.4	(KW)
Power factor	0.8	

VOLTAGE		
Frequency (Hz)	50	Hz
Voltage (V)	400	٧

DIMENSIONS AND NOISE LEVEL		
Width	945	mm
Length	2200	mm
Height	1470	mm
Weight	1190	kg
Sound pressure 7 m.	65.0	dBA

DATA REFERENCES

Standard reference conditions temperature 25°C, altitude 100m asl, relative humidity 30%, atmospheric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load – non distortional. Fuel consumption is nominal and refers to specific weight 0.850kg/l. Sound power values refer to free field conditions: the installation site may influence the values. Dimensions, weights and other specifications contained in the technical data sheet and related attachments are nominal, subject to tolerances and refer to the model with standard equipment; any optional and additional equipment/accessories can modify weight, dimensions, performance.

P.R.P. Prime Power-Continuous power at variable load: The power that a genset can supply in continuous service at a variable load for an unlimited number of hours per year while respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer. according to ISO 8528-1. The average power supplied over time and any applicable overload must be less than the percentages stated by the Manufacturer.

L.T.P. Limited-time running power-Limited power: The maximum power that a genset can supply for a limited time respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer according to ISO 8528-1. The number of hours per year is stated by the Manufacturer. Overload is not permitted.

The data contained in this document is nominal and refers to the standard equipped model and is not binding. Psilos Services reserves the right to revise the information without notice per our policy of continuous product development and improvement.



BIG FOX-P 65 FOX

STRONG POINTS

- Industrial diesel engine in genset version with certificate of origin.
- 2. Industrial brushless alternator with AVR.
- 3. Steel baseframe with retention basin and modular steel fuel tank with level sensor.
- 4. Soundproof canopy in galvanized, power coated sheet steel.
- 5. Soundproofing material made of high attenuation polyester fibre.
- 6. Internal exhaust silencer with insulated manifold.
- 7. Electrical panel mounted on board the unit with digital control device installed in metal box.
- 8. Compact for easy handling and use.
- 9. Test report, manuals and electrical drawings supplied.
- 10. World wide after sales service and technical support.

Further details on the technical data sheet

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Engine

Engine model 1103A-33T62 Cylinders 3 nr. Speed 1500 r.p.m. Cubic capacity 3300° cm³ Air intake Turbocharged Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 3-11 1/2 BMEP BMEP 1333 kPa Cooling Water Water ENGINE POWER Flywheel P.R.P. Power 53.8 kW Flywheel Stand-by Power 59.3 kW FUEL CONS.WIPTION Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) Fuel Cons. a	Engine brand	PERKINS		
Speed 1500	Engine model	1103A-33TG	2	
Cubic capacity 3300" cm³ Air intake Turbocharged Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 3-11 1/2 BMEP 1333 kPa Cooling Water Water EMINE POWER Water EMINE POWER Flywheel P.R.P. Power 53.8 kW FUEL CONSUMPTION SP.3 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.9 1/h Fuel Cons. at 100% (P.R.P.) 14.6 1/h Fuel Cons. at 100% (P.R.P.) 10.8 1/h Fuel Cons. at 25% (P.R.P.) 10.8 1/h Fuel Cons. at 25% (P.R.P.) 7.6 1/h Fuel	Cylinders	3	nr.	
Air intake Turbocharged Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 3-11 1/2 BMEP 1333 kPa Cooling Water Water EMGINE POWER Vater Vater EMGINE POWER Vater EMGINE POWER Vater Vater EMGINE POWER Vater Vater EMGINE POWER Vater Vater EMGINE POWER Vater	Speed	1500	r.p.m.	
Standard voltage 12 Vdc Vdc Optional voltage Vdc Vdc Sae 3-11 1/2 BMEP 1333 kPa Cooling Water Water ENGINE POWER Flywheel P.R.P. Power 53.8 kW Flywheel P.R.P. Power 53.8 kW Flywheel P.R.P. Power 59.3 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 75% (P.R.P.) 10.8 l/h Fuel Cons. at 25% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 l/h SPEED REGULATION Electronic regulator On request Precision class G2 ENGINE DIMENSIONS AND LIOUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l RAGiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from radiation 10.0 kW EXHAUST DATA	Cubic capacity	3300'	cm ³	
Optional voltage Vdc Vdc Sae 3-11 1/2 BMEP 1333 kPa Cooling Water ENGINE POWER Flywheel P.R.P. Power 53.8 kW Flywheel Stand-by Power 59.3 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.9 1/h Fuel Cons. at 100% (P.R.P) 14.6 1/h Fuel Cons. at 75% (P.R.P.) 7.6 1/h Fuel Cons. at 25% (P.R.P.) 7.6 1/h Fuel Cons. at 25% (P.R.P.) 4.2 1/h SPEED REGULATION Electronic regulator On request Precision class G2 ENGINE DIMENSIONS AND LIQUIDS 01 quantity 3.1 Antifreeze quantity 4.4 1 Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust 45.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Air intake	Turbocharge	d	
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ENGINE POWER Flywheel P.R.P. Power 53.8 kW Flywheel Stand-by Power 59.3 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 50% (P.R.P.) 10.8 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 l/h SPEED REGULATION Electronic regulator On request Precision class G2 ENGINE DIMENSIONS AND LIQUIDS 0il quantity Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust 45.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 38 m³/min	Sae	3-11 1/2		
ENGINE POWER Flywheel P.R.P. Power Flywheel Stand-by Power FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) Fuel Cons. at 100% (P.R.P) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity A.4 I Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust 45.0 kW Heat from radiation EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 89.00 m³/min	ВМЕР	1333	kPa	
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Flywheel Stand-by Power 59.3 kW FUEL CONSUMPTION Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 50% (P.R.P.) 10.8 l/h Fuel Cons. at 55% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 l/h SPEED REGULATION Electronic regulator 0n request Precision class 62 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	ENGINE POWER			
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Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 75% (P.R.P.) 10.8 l/h Fuel Cons. at 50% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 4.2 l/h SPEED REGULATION Electronic regulator On request Precision class 62 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 45.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Flywheel Stand-by Power	59.3	kW	
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Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity Antifreeze quantity Radiator standard HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation EXHAUST DATA Exhaust temperature Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Fuel Cons. at 100% (P.R.P)	14.6	14.6 l/h	
Fuel Cons. at 25% (P.R.P.) SPEED REGULATION Electronic regulator Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity Antifreeze quantity HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation EXHAUST DATA Exhaust temperature Cooling air flow 4.2 I/h 8.3 I Antifreeze Quantity 4.4 I Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 45.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Fuel Cons. at 75% (P.R.P.)	10.8	10.8 l/h	
Electronic regulator On request Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 45.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Fuel Cons. at 50% (P.R.P.)	7.6 1/	h	
Electronic regulator Precision class G2 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 45.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Fuel Cons. at 25% (P.R.P.)	4.2 1/	4.2 l/h	
Precision class 62 ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 45.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	SPEED REGULATION			
ENGINE DIMENSIONS AND LIQUIDS Oil quantity 8.3 l Antifreeze quantity 4.4 l Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 45.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Electronic regulator	On re	equest	
Oil quantity Antifreeze quantity 4.4 l Radiator standard HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation 550 kW Heat from radiation EXHAUST DATA Exhaust temperature Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Precision class	G2		
Antifreeze quantity Radiator standard IM50 HEAT FROM ENGINE Heat from radiator Heat from exhaust Heat from radiation EXHAUST DATA Exhaust temperature Cooling air flow 89.00 m³/min Combustion air flow 4.4 l A.4 l A.4 l A.5 l B.5 l	ENGINE DIMENSIONS AND LIQUIDS			
Radiator standard IM50 HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 45.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Oil quantity	8.3 l		
HEAT FROM ENGINE Heat from radiator 35.0 kW Heat from exhaust 45.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Antifreeze quantity	4.4 (4.4 l	
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Heat from exhaust 45.0 kW Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	HEAT FROM ENGINE			
Heat from radiation 10.0 kW EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Heat from radiator	35.0	kW	
EXHAUST DATA Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Heat from exhaust	45.0	45.0 kW	
Exhaust temperature 557 °C Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	Heat from radiation	10.0 kW		
Cooling air flow 89.00 m³/min Combustion air flow 3.8 m³/min	EXHAUST DATA			
Combustion air flow 3.8 m³/min	Exhaust temperature	557 °	С	
	Cooling air flow	89.00	89.00 m ³ /min	
Exhaust gas flow 10.10 m³/min	Combustion air flow	3.8 m	3.8 m³/min	
	Exhaust gas flow	10.10 m³/min		

EMISSIONS	
TA Luft	Not available
TA Luft/2	Not available
EPA	Not available
Stage	Not available

Alternator

Alternator brand	STAMFORD
Alternator model	UCI224E
PRP Power	60.0 kVA
LTP Power	63.0 kVA

ALTERNATOR WIRINGS	
Connection	Series star
Phases	Three phases with neutral
Winding	12 terminals 50-60Hz Winding 311
Terminal Number	12 nr

ALTERNATOR PROTECTION		
IP Protection	23	

VOLTAGE REGULATOR	
Electronic regulator	SX460
Precision	1.5 ±%

Baseframe

Model	FOX
Capacity	90 l

Canopy & Silencer

Canopy model	FOX
Silencer model	MSR/a 60
Silencer outlet diameter	60.0 mm

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