

DATASHEET

RID 750 E-SERIES DIESEL GENERATOR 750 KVA



symbolic image



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symbolic image



Power rating

Output power	
Power	750 kVA 600 kW
Current	1082,5 A / 866,0 A
Voltage	230 / 400 V
Frequency	50 Hz
Power factor	0,8 cos φ

Product overview

Order number open	713170	
Order number closed	713171	
Alternator model	Linz PRO35L H/4	LeroySomer TAL 049 C
Engine type	MITSUBISHI S6R2-PTAA	
Generator type	synchronous	
Control panel	RID 3000-A	
CE certified in accordance with Machinery Directive 2006/42/EC		

Dimensions and weights Generator

	Length (L)	Width (W)	Height (H)	Weight	Tank
Open	4100 mm	1800 mm	2100 mm	6500 kg	1000 l
Closed	5300 mm	2450 mm	2700 mm	9400 kg	1000 l

Noise level

	1 Meter	4 Meter	7 Meter	10 Meter
Open	99 dB(A)	95 dB(A)	91 dB(A)	89 dB(A)
Closed	79 dB(A)	75 dB(A)	71 dB(A)	70 dB(A)

Fuel consumption

	25% load	50% load	75% load	100% load
Consumption	-	-	118,6 l/h	157,1 l/h

Engine technical data

Engine output	665 kW
Engine type	MITSUBISHI S6R2-PTAA
Engine size	6-Cylinder, in-line
Rotational-speed range	1500 u/min
Speed regulation	electricial
Displacement	29,96 l
Engine w/o cooling system	3572 kg

Alternator data

Alternator model	Linz PRO35L H/4	LeroySomer TAL 049 C
Insulation Class	H	
Regulation type	AVR	
Execution	brushless	
Protection class	IP 23	
Airflow Requirement	3270 m ³ /h	3600 m ³ /h

Intake and exhaust system

Silencer type	industrial
Max. exhaust gas temperature	-
Exhaust gas flow	9780 m³/h
Max. exhaust back pressure	58,84 mbar
Air filter type	replaceable element

Engine lubrication

Oil type	RID 10W30
Oil filter type	replaceable element
Total oil volume	100 l
Max. oil temperature	-

Engine cooling

Cooling system	water + air
Cooling system capacity	86 l
Fan power consumption	27 kW
Cooling air flow	43560 m³/h

Controller RID 3000-A



Functions

Current	Battery voltage	Operating hours counter
Frequency	Power (kVA-kW)	Rotational-speed range
Voltage	Power factor Cosφ.	Fuel level (%)

Commands and other

- Four operating modes: OFF – Manual Start – Automatic Start – Automatic Test
- Push button to force the mains contactor or the generator contactor
- Push buttons: Start/Stop, Error Reset, Up/Down/Side Selection/Enter
- Remote start possible
- Audible alarm
- Protective functions with shutdown
- Engine protection: low fuel level, low oil pressure, high engine temperature
- Generator protection: undervoltage/overvoltage, overload, battery undervoltage/overvoltage, battery charger failure
- Protocols: GSM, Ethernet, Modbus, Canbus