

DATASHEET



RID 10 E-SERIES DIESEL GENERATOR 10 KVA

symbolic image



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symbolic image



Our power generators are constantly being further developed. For this reason, the illustrations and technical data of the generators may be subject to change. RID GmbH assumes no responsibility for possible printing errors. Issued 01 august 2024.

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Power rating

Output power	
Power	10 kVA 8 kW
Current	14,4 A 11,5 A
Voltage	230 / 400 V
Frequency	50 Hz
Power factor	0,8 cos φ

Product overview

Order number open	712202	
Order number closed	712203	
Alternator model	Linz E1X13S C/4	LeroySomer TAL 040 B
Engine type	MITSUBISHI – S3L2	
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	1500 mm	752 mm	1150 mm	390 kg	110 l
Closed	1500 mm	782 mm	1246 mm	505 kg	110 l

Noise level

	1 Meter	4 Meter	7 Meter	10 Meter
Open	81 dB(A)	79 dB(A)	77 dB(A)	75 dB(A)
Closed	71 dB(A)	63 dB(A)	59 dB(A)	57 dB(A)

Fuel consumption

	25% load	50% load	75% load	100% load
Consumption	1,3 l/h	1,9 l/h	2,4 l/h	3,1 l/h

Engine technical data

Engine output	9,9 kW
Engine type	mitsubishi - S3L2
Engine size	3-Cylinder, in-line engine
Rotational-speed range	1500 u/min
Speed regulation	mechanical
Displacement	1,3 l
Engine w/o cooling system	150 kg

Alternator data

Alternator model	linz EIX13S C/4	LeroySomer TAL 040 B
Insulation Class	H	
Regulation type	AVR	
Execution	brushless	
Protection class	IP 23	
Airflow Requirement	192 m³/h	216 m³/h

Intake and exhaust system

Silencer type	industrial
Max. exhaust gas temperature	-
Exhaust gas flow	132 m³/h
Max. exhaust back pressure	65 mbar
Air filter type	replaceable element

Engine lubrication

Oil type	RID 10W30
Oil filter type	replaceable element
Total oil volume	4,2 l
Max. oil temperature	-

Engine cooling

Cooling system	water + air
Cooling system capacity	1,8 l
Fan power consumption	0,2 kW
Cooling air flow	-

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