

DATASHEET

RID 900 E-SERIES DIESEL GENERATOR 900 KVA



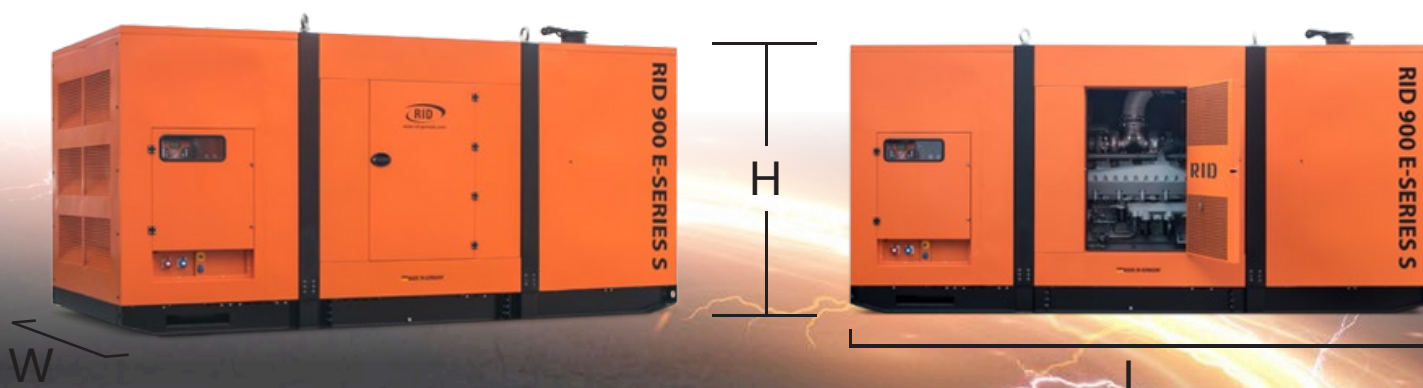
symbolic image



RID 900 E-SERIES S DIESEL GENERATOR 900 KVA



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.

RID GmbH | www.rid-international.com | phone: +49 (0) 7266 91347-0

rid-international.com

Power rating

Output power	
Power	900 kVA 720 kW
Current	1299,0 A / 1039,2 A
Voltage	230 / 400 V
Frequency	50 Hz
Power factor	0,8 cos φ

Product overview

Order number open	713174	
Order number closed	713175	
Alternator model	Linz PRO40S A/4	LeroySomer TAL 049 D
Engine type	MITSUBISHI S12A2-PTA2	
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	4300 mm	2000 mm	2200 mm	7500 kg	1000 l
Closed	5300 mm	2450 mm	2700 mm	10200 kg	1000 l

Noise level

	1 Meter	4 Meter	7 Meter	10 Meter
Open	93 dB(A)	91 dB(A)	88 dB(A)	85 dB(A)
Closed	79 dB(A)	75 dB(A)	71 dB(A)	69 dB(A)

Fuel consumption

	25% load	50% load	75% load	100% load
Consumption	-	-	147,3 l/h	195,1 l/h

Engine technical data

Engine output	764 kW
Engine type	MITSUBISHI S12A2-PTA2
Engine size	12-Cylinder, V
Rotational-speed range	1500 u/min
Speed regulation	Elektronisch
Displacement	33,93 l
Engine w/o cooling system	3140 kg

Alternator data

Alternator model	Linz PRO40S A/4	LeroySomer TAL 049 D
Insulation Class	H	
Regulation type	AVR	
Execution	brushless	
Protection class	IP 23	
Airflow Requirement	5640 m³/h	3600 m³/h

Intake and exhaust system

Silencer type	industrial
Max. exhaust gas temperature	-
Exhaust gas flow	10620 m ³ /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	120 l
Max. oil temperature	-

Engine cooling

Cooling system	water + air
Cooling system capacity	100 l
Fan power consumption	30 kW
Cooling air flow	68400 m ³ /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