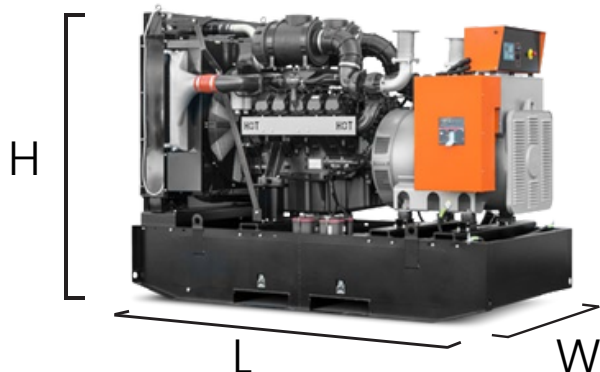


DATASHEET

RID 2500 E-SERIES DIESEL GENERATOR 2500 KVA



symbolic image



RID 2500 E-SERIES S DIESEL GENERATOR 2500 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.

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Power rating

Output power	
Power	2500 kVA 2000 kW
Current	3608,4 A / 2886,7 A
Voltage	230 / 400 V
Frequency	50 Hz
Power factor	0,8 cos φ

Product overview

Order number open	713797
Order number closed	713798
Alternator model	LeroySomer LSA 52.3 L12
Engine type	MITSUBISHI - SI6R2-PTAW-E
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	6170 mm	2200 mm	2700 mm	18000 kg	bis zu 1000 l
Closed	12192 mm	2438 mm	2591 mm	21000 kg	bis zu 1000 l

Noise level

	1 Meter	4 Meter	7 Meter	10 Meter
Open	114 dB(A)	110 dB(A)	105 dB(A)	101 dB(A)
Closed	81 dB(A)	76 dB(A)	73 dB(A)	71 dB(A)

Fuel consumption

	25% load	50% load	75% load	100% load
Consumption	-	-	372 l/h	502 l/h

Engine technical data

Engine output	2068 kW
Engine type	MITSUBISHI - SI6R2-PTAW-E
Engine size	16-Cylinder
Rotational-speed range	1500 u/min
Speed regulation	electricial
Displacement	79,9 l
Engine w/o cooling system	8200 kg

Alternator data

Alternator model	LeroySomer LSA 52.3 LI2
Insulation Class	H
Regulation type	AVR
Execution	-
Protection class	IP 23
Airflow Requirement	9000 m ³ /h

Intake and exhaust system

Silencer type	industrial
Max. exhaust gas temperature	-
Exhaust gas flow	28740 m³/h
Max. exhaust back pressure	58,8 mbar
Air filter type	replaceable element

Engine lubrication

Oil type	RID 10W30
Oil filter type	replaceable element
Total oil volume	260 l
Max. oil temperature	-

Engine cooling

Cooling system	water + air
Cooling system capacity	190 l
Fan power consumption	70 kW
Cooling air flow	99000 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