

DATASHEET

RID 250 B-SERIES DIESEL GENERATOR 250 KVA



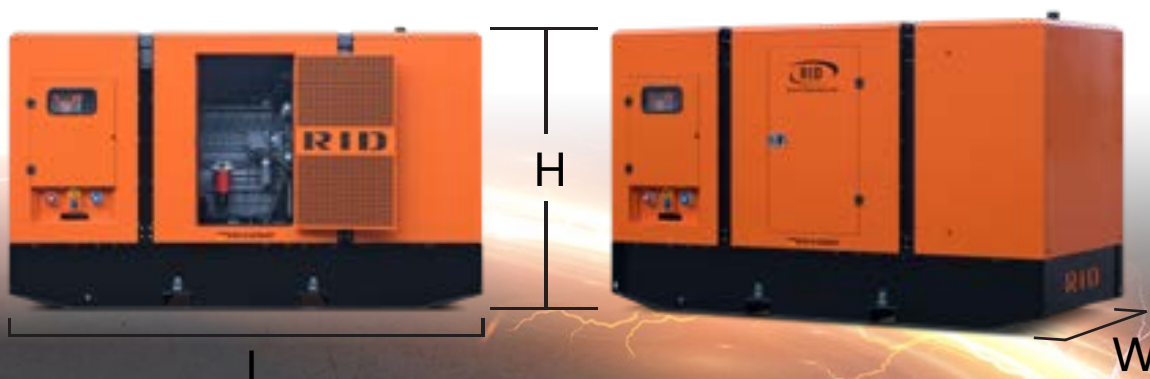
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RID 250 B-SERIES S DIESEL GENERATOR 250 KVA



symbolic image



Power rating

Output power	
Power	250 kVA 200 kW
Current	360,8 A 288,6 A
Voltage	230 / 400 V
Frequency	50 Hz
Power factor	0,8 cos φ

Product overview

Order number open	713746
Order number closed	713747
Alternator model	LeroySomer TAL 046 E
Engine type	Hyundai - P126TI
Generator type	synchron
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	2600 mm	1200 mm	1940 mm	2150 kg	500 l
Closed	3350 mm	1430 mm	2114 mm	2700 kg	750 l

Noise level

	1 Meter	4 Meter	7 Meter	10 Meter
Open	89 dB(A)	87 dB(A)	83 dB(A)	81 dB(A)
Closed	78 dB(A)	72 dB(A)	70 dB(A)	68 dB(A)

Fuel consumption

	25% load	50% load	75% load	100% load
Consumption	16,4 l/h	30,0 l/h	43,6 l/h	58,1 l/h

Engine technical data

Engine output	241 kW
Engine type	Hyundai - P126TI
Engine size	6-Cylinder, in-line
Rotational-speed range	1500 u/min
Speed regulation	electricial
Displacement	11,05 l
Engine w/o cooling system	-

Alternator data

Alternator model	LeroySomer TAL 046 E
Insulation Class	H
Regulation type	AVR
Execution	brushless
Protection class	IP 23
Airflow Requirement	1728 m ³ /h

Intake and exhaust system

Silencer type	industrial
Max. exhaust gas temperature	560 °C
Exhaust gas flow	2574 m³/h
Max. exhaust back pressure	-
Air filter type	replaceable element

Engine lubrication

Oil type	RID 10W30
Oil filter type	wechselbares Element
Total oil volume	23 l
Max. oil temperature	120 °C

Engine cooling

Cooling system	water + air
Cooling system capacity	51 l
Fan power consumption	7 kW
Cooling air flow	22200 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