

DATASHEET

RID 300 B-SERIES DIESEL GENERATOR 300 KVA



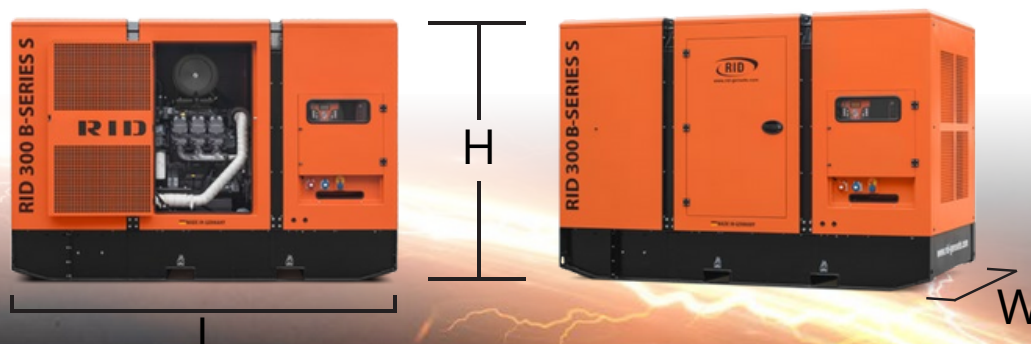
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RID 300 B-SERIES S DIESEL GENERATOR 300 KVA



symbolic image



Power rating

Output power	
Power	300 kVA 240 kW
Current	433,0 A 346,4 A
Voltage	230 / 400 V
Frequency	50 Hz
Power factor	0,8 cos φ

Product overview

Order number open	713709	
Order number closed	713714	
Alternator model	Linz PRO28M E/4	LeroySomer TAL 046 F
Engine type	Hyundai P126TI-2	
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	2850 mm	1700 mm	2047 mm	2835 kg	1000 l
Closed	3351 mm	1740 mm	2411 mm	3510 kg	1000 l

Noise level

	1 Meter	4 Meter	7 Meter	10 Meter
Open	93 dB(A)	90,5 dB(A)	88 dB(A)	85 dB(A)
Closed	81 dB(A)	76,5 dB(A)	71 dB(A)	70 dB(A)

Fuel consumption

	25% load	50% load	75% load	100% load
Consumption	16,9 l/h	31,3 l/h	47 l/h	63,1 l/h

Engine technical data

Engine output	265 kW
Engine type	Hyundai P126TI-2
Engine size	6-Cylinder, in-line
Rotational-speed range	1500 u/min
Speed regulation	electricial
Displacement	11,05 l
Engine w/o cooling system	780 kg

Alternator data

Alternator model	Linz PRO28M E/4	LeroySomer TAL 046 F
Insulation Class	H	
Regulation type	AVR	
Execution	brushless	
Protection class	IP 23	
Airflow Requirement	2310 m ³ /h	1728 m ³ /h

Intake and exhaust system

Silencer type	industrial
Max. exhaust gas temperature	590°C
Exhaust gas flow	2844 m³/h
Max. exhaust back pressure	59 mbar
Air filter type	replaceable element

Engine lubrication

Oil type	RID 10W30
Oil filter type	replaceable 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	27000 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