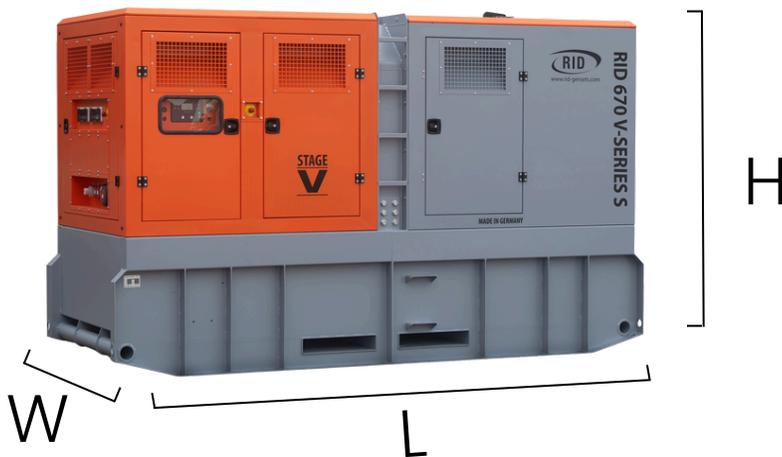


DATASHEET



RID 670 V-SERIES – RENTAL DIESEL GENERATOR 670 KVA

symbolic image



Power rating

Output power	
Power	670 kVA 536 kW
Current	967 A 773 A
Voltage	230 / 400 V
Frequency	50 Hz
Power factor	0,8 cos φ

Product overview

Order number open	-	
Order number closed	712061	
Alternator model	Linz PRO35MF/4	LeroySomer TAL0473F
Engine type	VOLVO TWD1683GE	
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
Dimensions	4700 mm	2140 mm	2550 mm	7400 kg	1000 l

Noise level

	1 Meter	4 Meter	7 Meter	10 Meter
Noise level	-	-	73 dB(A)	-

Fuel consumption

	25% load	50% load	75% load	100% load
Consumption	37,5 l/h	67,5 l/h	97,2 l/h	129,6 l/h

Engine technical data

Engine output	570 kW
Engine type	VOLVO TWD1683GE
Engine size	6-Cylinder, in-line
Rotational-speed range	1500 u/min
Speed regulation	electricial
Displacement	16,12 l
Engine w/o cooling system	2090 kg

Alternator data

Alternator model	Linz PRO35MF/4	LeroySomer TAL0473F
Insulation Class	H	
Regulation type	AVR	
Execution	brushless	
Protection class	IP 23	
Airflow Requirement	-	

Intake and exhaust system

Silencer type	industrial
Max. exhaust gas temperature	434 °C
Exhaust gas flow	6240 m ³ /h
Max. exhaust back pressure	200 mbar
Air filter type	replaceable element

Engine lubrication

Oil type	RID 10W30
Oil filter type	replaceable element
Total oil volume	48 l
Max. oil temperature	130 °C

Engine cooling

Cooling system	water + air
Cooling system capacity	90 l
Fan power consumption	20 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 Cosp.	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