

Super-silenced backup power generator as backup power supply 150 kVA with Volvo Penta engine TAD 731

GE Type: WA VR 165 S

Completion:

Generating Set:	stationary	Gen Set:	silent Set
Technical Data Engine:			
Engine Manufacturer:	Volvo	Engine Type:	TAD 731 GE
Engine No.:	5312990071	Engine Power:	153 KW
Cooling:	water-cooled	Starting:	electrical 12 V DC
Rotation:	1500 rpm	Fuel:	heating oil EN 590
Technical Data Generator:			
Generator Manufacturer:	Leroy Somer	Gen Set:	TAL 044 J
Gen No.:	39796800001	Gen Power:	150 kVA
Voltage:	400 / 231 Volt	Power Factor:	cos. - phi 0,8
Rotation:	1500 rpm		
Control Unit:			
Setup:	automatic start	Functions:	parallel operation
Switch:	gen switch 4 pole	Delivery:	set up
Width ca. mm:		Depth ca. mm:	
Height ca. mm:			
Tank			
Setup:	baseframe fuel tank with bassin		
Width ca. mm:		Height ca. mm:	
Depth ca. mm:		Capacity / Litre:	990
Dimensions of unit:			
Length ca. mm:	3.640	Height ca. mm:	2.295
Width ca. mm:	1.200	Weigh ca. KG:	2.560
Usage:			
State:	New	year of manufacture:	2023
time of delivery:	ex work	Price plus VAT in 1/2%:	on request:
Operating Hours:	Verl		
Location:	Verl - Germany		
Stock No:		Reserved:	nein / no

Delivery Contents:

Super-silenced backup power unit as backup power supply with a Volvo Penta industrial diesel engine with electronic speed control and cooling water preheating (230 volts) and Leroy Somer three-phase synchronous generator. Motor and generator are mounted elastically on a common skid frame.

Other additional features:

Switching from internal to optional external tank

Tank capacity (usable 95%) 990 liters, refueling directly at the tank.

Fuel consumption at 50% load 18 litres/hour, sufficient for approx. 55 hours of operation
Fuel consumption at 100% load 34 litres/hour, sufficient for approx. 29 hours of operation

Internal automatic start-stop (type: Comap IG 200) with display of all important engine and generator messages. Functional indication digitally on the display. Generator switch with 4-pole motor drive integrated on the unit (generator). Internal battery charger 230 volts - 12 volts DC

Function: In the event of a power failure, the start command is sent to the diesel unit. When the nominal speed and nominal voltage are reached, the generator switch is switched on. When the mains returns, the automatic system monitors the mains voltage. When this is stable again, the system switches back to mains operation "WITHOUT INTERRUPTION". The diesel unit is stopped after the cooling time (180 seconds) and waits in automatic mode for the next power failure.

In order to be able to feed into a building, a mains switch with motor drive is required on site. The control takes over the IG 200 control.

The backup power system as a backup power supply is ready for operation and immediately available from the Verl warehouse.

Product Images



