

Super-silenced backup power system as backup power supply 200 kVA with Volvo Penta engine TAD 733 GE

Completion:

Generating Set: stationary **Gen Set:** silent Set

Technical Data Engine:

Engine Manufacturer:	Volvo	Engine Type:	TAD 733 GE
Engine No.:	5312982207	Engine Power:	201 KW
Cooling:	water-cooled	Starting:	electrical 24 V DC
Rotation:	1500 rpm	Fuel:	heating oil EN 590

Technical Data Generator:

Generator Manufacturer:	Leroy Somer	Gen Set:	TAL044-M
Gen No.:	39664900008	Gen Power:	200 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	Weigth ca. KG:	3.260

Usage:

State:	NEW	year of manufacture:	2023
time of delivery:	ex work	Price plus VAT in 1/2:	on request:
Operating Hours:	1		
Location:	Verl - Germany		
Stock No:		Reserved:	nein / no

Delivery Contents:

Super-silenced backup power system 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 internal tank

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

Fuel consumption at 50%, last 23 litres/hour, sufficient for approx. 43 hours of operation
Fuel consumption at 100% load 46 litres/hour, sufficient for approx. 21 hours of operation

Internal automatic start-stop (type: Comap IG 200) with display of all related 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 - 24 volts DC

Function: In the event of a power failure, the start command is transferred to the diesel generator set. When the rated speed and rated voltage is replaced, the generator switch WILL be 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 stock.

Product Images





