

Sold - Emergency power system as a diesel generator, soundproofed 100 kVA with Volvo engine

Completion:

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

Technical Data Engine:

Engine Manufacturer:	Volvo Penta	Engine Type:	TAD 531 GE
Engine No.:	5312797807	Engine Power:	102 KW
Cooling:	water-cooled	Starting:	electrical 12 V DC
Rotation:	1500 rpm	Fuel:	heating oil EN 590

Technical Data Generator:

Generator Manufacturer:	Stamford AvK	Gen Set:	HCI 274 C1
Gen No.:	N22B052897	Gen Power:	100 kVA
Voltage:	400 / 231 Volt	Power Factor:	cos. - phi 0,8
Rotation:	1500 rpm		

Control Unit:

Setup:	automatic start	Functions:	emergency power
Switch:	mains/Gen switch 4 pole	Delivery:	parted separately
Width ca. mm:		Depth ca. mm:	
Height ca. mm:			

Tank

Setup:			
Width ca. mm:		Height ca. mm:	
Depth ca. mm:		Capacity / Litre:	240

Dimensions of unit:

Length ca. mm:	2.990	Height ca. mm:	1.933
Width ca. mm:	1.150	Weight ca. KG:	1910

Usage:

State:	demonstration set	year of manufacture:	2022
time of delivery:	ex work	Price plus VAT in 1/2 1/2:	on request:
Operating Hours:	2		
Location:	Verl - Germany		
Stock No:		Reserved:	nein / no

Delivery Contents:

Emergency power system, emergency power supply as a backup power system with a Volvo Penta industrial diesel engine with electronic speed control and cooling water preheating (230 volts) and Stamford three-phase synchronous generator. Motor and generator are mounted elastically on a common skid frame.

Other additional features:

Tank capacity 220 liters, refueling directly at the tank

Fuel consumption at 50% load 12 litres/hour, sufficient for approx. 18 hours of operation
Fuel consumption at 100% load 23 litres/hour, sufficient for approx. 9.5 hours of operation

Internal automatic start-stop (type: AMF 25) with display of all important engine and generator messages. Functional indication digitally on the display. 4-pin generator switch integrated on the unit (generator). Internal battery charger 230 volts - 12 volts DC

Automatic start with mains & generator switching 4-pole

External emergency power switchgear for installation in the building and 4-pole mains generator switchover

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. The diesel unit is stopped after the cooling time and waits in automatic mode for the next power failure.

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

Product Images



