

**Super-silenced emergency power system as backup power supply with Deutz engine and 270 liter tank**

**Completion:**

<b>Generating Set:</b>	<b>stationary</b>	<b>Gen Set:</b>	<b>silent Set</b>
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**Technical Data Engine:**

<b>Engine Manufacturer:</b>	Deutz AG	<b>Engine Type:</b>	BF 4 M 1013 EC
<b>Engine No.:</b>	auf Anfrage	<b>Engine Power:</b>	93 KW
<b>Cooling:</b>	water-cooled	<b>Starting:</b>	electrical 12 V DC
<b>Rotation:</b>	1500 rpm	<b>Fuel:</b>	heating oil EN 590

**Technical Data Generator:**

<b>Generator Manufacturer:</b>	Stamford AvK	<b>Gen Set:</b>	Synchron mit AVR
<b>Gen No.:</b>	auf Anfrage	<b>Gen Power:</b>	100 kVA
<b>Voltage:</b>	400 / 231 Volt	<b>Power Factor:</b>	cos. - phi 0,8
<b>Rotation:</b>	1500 rpm		

**Control Unit:**

<b>Setup:</b>	automatic start	<b>Functions:</b>	emergency power
<b>Switch:</b>	gen switch 4 pole	<b>Delivery:</b>	set up
<b>Width ca. mm:</b>		<b>Depth ca. mm:</b>	
<b>Height ca. mm:</b>			

**Tank**

<b>Setup:</b>	baseframe fuel tank with bassin		
<b>Width ca. mm:</b>		<b>Height ca. mm:</b>	
<b>Depth ca. mm:</b>		<b>Capacity / Litre:</b>	270

**Dimensions of unit:**

<b>Length ca. mm:</b>	2.980	<b>Height ca. mm:</b>	1.910
<b>Width ca. mm:</b>	1.080	<b>Weigth ca. KG:</b>	1.685

**Usage:**

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

**Delivery Contents:**

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

Other additional features:

Tank capacity 270 litres, refueling directly at the soundproofing hood

Fuel consumption at 50% load 12 litres/hour, sufficient for approx. 22.5 hours of operation

Fuel consumption at 100% load 23 litres/hour, sufficient for approx. 11.7 hours of operation

Internal automatic start-stop (type: Comap 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

Optional: External emergency power switchgear for installation in the building and 4-pole mains generator switchover with the following dimensions: Height: 700 mm Width: 500 mm Depth: 270 mm

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**





