

**Emergency power unit as emergency power system 40 kVa with air-cooled Deutz engine F 4 L 912**

**Completion:**

**Generating Set:** stationary **Gen Set:** baseframe

**Technical Data Engine:**

<b>Engine Manufacturer:</b>	Deutz AG	<b>Engine Type:</b>	F 4 L 912 Gen
<b>Engine No.:</b>	08934276	<b>Engine Power:</b>	37 KW
<b>Cooling:</b>	aircooled	<b>Starting:</b>	electrical 24 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
<b>Gen No.:</b>	Typenschild	<b>Gen Power:</b>	40 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>		<b>Height ca. mm:</b>	
<b>Width ca. mm:</b>		<b>Capacity / Litre:</b>	70
<b>Depth ca. mm:</b>			

**Dimensions of unit:**

<b>Length ca. mm:</b>	1.698	<b>Height ca. mm:</b>	920
<b>Width ca. mm:</b>	900	<b>Weigth ca. KG:</b>	

**Usage:**

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

**Delivery Contents:**

Emergency power generator as a backup power system for the emergency power supply as a backup power system with an original Deutz air-cooled industrial diesel engine with mechanical Bosch speed control and Stamford three-phase synchronous generator. Motor and generator are mounted elastically on a common skid frame. The engine oil can be preheated using the engine preheater.

Other additional features:

Tank capacity 70 liters, refueling directly at the tank

5.1 liters / hour at 50% load  
7.0 liters / hour at 75% load  
9.3 liters / hour at 100% load

Internal automatic start-stop (type: AMF DSE 7320 MK II) with display of all important engine and generator messages. Functional indication digitally on the display. Generator switch 40 amps 4 poles integrated in the unit (generator). Internal battery charger 230 volts - 12 volts DC

Optionally available at extra cost:

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**





