

**Back-up power unit as backup power supply 60 kVA with Deutz engine BF 4 M 2010 C**

**Completion:**

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

**Technical Data Engine:**

<b>Engine Manufacturer:</b>	Deutz AG	<b>Engine Type:</b>	BF 4 M 2011 C
<b>Engine No.:</b>	in Produktion	<b>Engine Power:</b>	53 KW
<b>Cooling:</b>	oil-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>	S1L2Y1
<b>Gen No.:</b>	in Produktion	<b>Gen Power:</b>	60 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>	Remote & Keystart
<b>Switch:</b>	gen switch 4 pole	<b>Delivery:</b>	
<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>	100
<b>Depth ca. mm:</b>			

**Dimensions of unit:**

<b>Length ca. mm:</b>	2.220	<b>Height ca. mm:</b>	1.258
<b>Width ca. mm:</b>	960	<b>Weight ca. KG:</b>	1147

**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:**

General equipment Backup generator TYPE WA DG 60 "S" 100 L | RAL 7046

Soundproof backup power supply with the following properties:

Emergency generator as backup power supply for your reliable emergency power supply with an original 4-cylinder Deutz industrial diesel engine with mechanical speed control and Stamford three-phase synchronous generator. Motor and generator are mounted elastically on a common skid frame. Exhaust system insulated with mineral fiber sheathing. Installed in a modular soundproofing enclosure. Powder-coated in RAL 7046 telegrey

Fuel consumption according to Deutz data sheet:

6.49 liters at 50% last | Running time with a full tank approx. 15.4 hours  
9.74 liters at 75% last | Running time with a full tank approx. 10.2 hours  
13.24 liters with 100% durability | Running time with a full tank approx. 7.5 hours

Internal automatic start-stop system (type: AMF DSE 4150) with display of all important engine and generator messages. Functional indication digitally on the display. Generator switch 90 amps 4 poles integrated in the unit (switchgear). Internal battery charger 230 volts - 12 volts DC

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Optionally available at extra cost (1,620 euros net):

Automatic start with mains & generator switching 4-pin | 90 amps  
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.

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Optional, available at extra cost: (subject to availability)

CEE socket 63 ampere 1H coded attached to the unit, this plug device is required for the supply in a building according to VDE 0100-551 Supplement 1:2019-06

VDE-AR-N 4100 contains additional requirements for setting up emergency power supplies for permanently installed systems (parts) that are supplied from the public grid during normal operation.

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

**Product Images**



