

**Mobile emergency network system STAGE V can also be used as an emergency network system for building feed-in 45 kVA with Yanmar motor with ISO monitor for IT and TN networks**

**Completion:**

<b>Generating Set:</b>	<b>mobile</b>	<b>Gen Set:</b>	<b>silent Set</b>
<b>Technical Data Engine:</b>			
<b>Engine Manufacturer:</b>	Yanmar	<b>Engine Type:</b>	4 TNV 98 CT-IYE
<b>Engine No.:</b>	in Produktion	<b>Engine Power:</b>	39,6 KW
<b>Cooling:</b>	water-cooled	<b>Starting:</b>	electrical 12 V DC
<b>Rotation:</b>	1500 rpm	<b>Fuel:</b>	Diesel B 0 or B 7 acc. EN 590
<b>Technical Data Generator:</b>			
<b>Generator Manufacturer:</b>	Stamford AvK	<b>Gen Set:</b>	S1L2-N1
<b>Gen No.:</b>	in Produktion	<b>Gen Power:</b>	45 kVA
<b>Voltage:</b>	400 / 231 Volt	<b>Power Factor:</b>	cos. - phi 0,8
<b>Rotation:</b>	1500 rpm		
<b>Control Unit:</b>			
<b>Setup:</b>	automatic start	<b>Functions:</b>	Hand & Remotestart
<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>			
<b>Tank</b>			
<b>Setup:</b>	Baseframe fuel Tank with Bassin	<b>Height ca. mm:</b>	
<b>Width ca. mm:</b>		<b>Capacity / Litre:</b>	100
<b>Depth ca. mm:</b>			
<b>Dimensions of unit:</b>			
<b>Length ca. mm:</b>	3.,730	<b>Height ca. mm:</b>	1.900
<b>Width ca. mm:</b>	1.710	<b>Weigth ca. KG:</b>	2.000
<b>Usage:</b>			
<b>State:</b>	new	<b>year of manufacture:</b>	2024
<b>time of delivery:</b>	Available from January 2024	<b>Price plus VAT in 1/2:</b>	on request:
<b>Operating Hours:</b>	0		
<b>Location:</b>	Verl - Germany		
<b>Stock No:</b>		<b>Reserved:</b>	nein / no

**Delivery Contents:**

Emergency power supply as a backup power system type WA YG 50 &#8220;S&#8221;S with a YANMAR STAGE V industrial diesel engine with electronic speed control and Stamford three-phase synchronous generator with fully electronic voltage control AVR. Motor and generator are elastically mounted on a common skid frame, installed in a soundproof enclosure with spacious lockable doors for maintenance, painted in RAL 3000.

Stable, torsion-resistant, fully galvanized 2-axle tandem chassis with a permissible total weight of 2,000 kg, lighting in accordance with StVZO with 13-pin plug for 12 VoLT aircraft.

Other additional features:

Tank capacity 100 liters, refueling directly at the tank from the inside

- &#8226; Fuel consumption 25% PRP: 3.8 L/h | sufficient for approx. 26.3 hours
- &#8226; Fuel consumption 50% PRP: 5.6 L/h | sufficient for approx. 17.8 hours
- &#8226; Fuel consumption 75% PRP: 7.4 L/h | sufficient for approx. 13.5 hours
- &#8226; Fuel consumption 100% PRP: 10.13 L/h | sufficient for approx. 9.8 hours

Internal start-stop automatic (ComAp AMF 25) with display of all important engine and generator messages. Functional digital display on the display. 4-pole generator switch integrated on the unit (generator).

Insulation monitor, 2 levels, make Bender IR 423 for mobile power generators. The ISOMETER® IR423 monitors the insulation resistance RF of an ungrounded AC system of 0..300 V to earth, which is fed by a mobile power generator in accordance with DIN VDE 0100-551 (VDE 0100-551). Also meets VDE 0100-717 (2005), GW 308, BGI 867 requirements

Socket combination: all sockets are individually protected (ISO monitored - IT system) for mobile operation:

- 1 x CEE 400 volts 63 amps 6h | 1 x CEE 400 volts 32 amps 6h
- 1 x CEE 400 volts 16 amps 6h | 2 x 230 volts CEE and 1 x 230 volts Schuko

Additional CEE socket 63 amps 1H coded attached to the unit, this plug-in device is required for feeding into a building in the TN network according to VDE 0100-551 (2023.10)

The emergency power system as an emergency power supply is ready for operation and available from the Verl warehouse from January 2024.

**Product Images**





