

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:

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

Delivery Contents:

Emergency power supply as a backup power system type WA YG 50 “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

• Fuel consumption 25% PRP: 3.8 L/h | sufficient for approx. 26.3 hours
 • Fuel consumption 50% PRP: 5.6 L/h | sufficient for approx. 17.8 hours
 • Fuel consumption 75% PRP: 7.4 L/h | sufficient for approx. 13.5 hours
 • 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





