

**Back-up power generator as a 45 kVA emergency power system with Yanmar engine and external  
mains/generator switchover**

**Completion:**

<b>Generating Set:</b>	<b>stationary</b>	<b>Gen Set:</b>	<b>silent Set</b>
<b>Technical Data Engine:</b>			
<b>Engine Manufacturer:</b>	Yanmar	<b>Engine Type:</b>	4TNV98T
<b>Engine No.:</b>	183813	<b>Engine Power:</b>	37,7 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
<b>Technical Data Generator:</b>			
<b>Generator Manufacturer:</b>	Stamford AvK	<b>Gen Set:</b>	S1L2N
<b>Gen No.:</b>	X22A042045	<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>	emergency power
<b>Switch:</b>	mains/Gen switch 4 pole	<b>Delivery:</b>	parted separately
<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>	170
<b>Depth ca. mm:</b>			
<b>Dimensions of unit:</b>			
<b>Length ca. mm:</b>	2.200	<b>Height ca. mm:</b>	1.350
<b>Width ca. mm:</b>	910	<b>Weigth ca. KG:</b>	890
<b>Usage:</b>			
<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:**

Back-up power unit as emergency power system type: WA Y 50 "S" super soundproofed with approx. 66 db"A" measured in 7 meters with an all-round measurement in 7 meters at 7 measuring points.

Other features:

- Tank capacity 170 liters
- Oil drip tray in the base frame
- mechanical speed controller
- Stable additional base frame with forklift pockets

Automatic start with external mains & generator switching 63 amps, in 4-pole design

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 available from the Verl warehouse.

**Product Images**



