

Mobile emergency power system with IT-TN switching 20 kVA with Yanmar motor, super sound-insulated

Completion:

Generating Set: **mobile** Gen Set: **silent Set**

Technical Data Engine:

| | | | |
|----------------------|--------------|---------------|--------------------|
| Engine Manufacturer: | Yanmar | Engine Type: | 4 TNV 84 T |
| Engine No.: | 97245 | Engine Power: | 19,1 KW |
| Cooling: | water-cooled | Starting: | electrical 12 V DC |
| Rotation: | 1500 rpm | Fuel: | heating oil EN 590 |

Technical Data Generator:

| | | | |
|-------------------------|----------------|---------------|----------------|
| Generator Manufacturer: | AvK Stamford | Gen Set: | S0 L 2 G1 |
| Gen No.: | G21J434146 | Gen Power: | 20 kVA |
| Voltage: | 400 / 231 Volt | Power Factor: | cos. - phi 0,8 |
| Rotation: | 1500 rpm | | |

Control Unit:

| | | | |
|----------------|-------------------|---------------|----------|
| Setup: | automatic start | Functions: | Keystart |
| 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: | 3.650 | Height ca. mm: | |
| Width ca. mm: | 1.720 | Weigth ca. KG: | 2.000 |

Usage:

| | | | |
|-------------------|----------------|------------------------|-------------|
| State: | New | year of manufacture: | 2024 |
| time of delivery: | ex work | Price plus VAT in 1/2: | on request: |
| Operating Hours: | Neu | | |
| Location: | Verl - Germany | | |
| Stock No: | | Reserved: | nein / no |

Delivery Contents:

Mobile emergency power system as a backup power system, soundproofed with approx. 60 db"A" measured in 7 meters with an all-round measurement in 7 meters at 7 measuring points (+/- 2.4 db"A") as a backup power system Type: WA-Y 20 "S" T5

Built on a 2-axle tandem chassis with a permissible total weight of 2,000 kg with a car ball head coupling, 12 volt version with 13-pin plug, walkable aluminum fenders.

Further features:

- Including IT/TN 2-stage operating mode switching with Bender IR 423 insulation monitoring
- Automatic control panel with digital control | Remote start input
- Integrated battery charger and engine preheater including 230 V / 16 A connection with connection cable
- Internal day tank with 100 liters nominal capacity
- Oil collection tray in the base frame to protect the environment
- Oil drain pump for short service times during oil changes

Automatic function: In the event of a power failure, the start command is passed to the diesel generator. When the rated speed and rated voltage are reached, the on-site generator switch (e.g. ABB OTM_C21D) is switched on. If the mains returns, the internal automatic system in the switch monitors the mains voltage. When this is stable again, the switch back to mains operation takes place WITH INTERRUPTION. The diesel generator is stopped after the cooling time and waits in automatic mode for the next power failure.

A motor-operated mains/generator switch and a feed-in option are required on site.

The new mobile emergency power generator as a backup power system is ready for operation and immediately available from the Verl warehouse.

The following sockets are factory installed:

- 1 x CEE 400V / 63A / IP67 - 1h | for building supply according to VDE 0100-551-2
- 1 x CEE 400V / 32 A / IP67 - 6h | for mobile application IT operation with 30 mA RDC
- 1 x CEE 400V / 16 A / IP67 - 6h | for mobile application IT operation with 30 mA RDC
- 2 x 230V / 16 A IP67 for mobile application IT operation with 30 mA FI-LS “C 16” RDC

The following accessories are available for an additional charge.

- Optionally with fully automatic 4-pole ATS switching 63 amps
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Product Images







