

**EXCLUSIVE
NOVELTY!**

Dimax Int. GmbH (Germany) presents
direct-current generator
for 48V backup systems **48 V**

**SOLAR OR WIND
POWER PLANTS**



The generator is to be used as a backup power source for systems with 48-54V batteries. Such batteries are typically used in solar power systems, wind power systems, UPS systems, mobile communication base stations, surveillance systems, etc.

- ✓ COMPACT SIZES AND HIGH POWER
- ✓ MAXIMUM EFFICIENCY
- ✓ SIMPLE INSTALLATION
- ✓ ECONOMIC CHOICE
- ✓ SAFE USE

DC GENERATOR



48V BATTERY



SOLAR INVERTER



CONSUMERS



POWER SUPPLY



THE GENERATOR CAN BE INTEGRATED INTO DIFFERENT SYSTEMS. IT CONNECTS DIRECTLY TO THE BATTERY, WHICH GREATLY SIMPLIFIES INSTALLATION

TRADITIONS OF GERMAN QUALITY ARE AFFORDABLE FOR EVERYBODY!



DC GENERATOR KS 48V-DC FROM KÖNNER & SÖHNEN® PROVIDES:

✓ **MAXIMUM EFFICIENCY**

This method of charging is more efficient since there are no intermediate current conversions and associated with this energy losses.

✓ **COMPACT SIZES AND HIGH POWER**

High charging power in a small size generator - the generator is designed by analogy with the inverter type of generators. It takes up 3-5 times less space than a set consisting of regular 230V generator with alternating current and a powerful charger that converts 230V alternating voltage into a constant voltage necessary to charge the battery. Equipped with a transport kit for easy movement.

✓ **SAFE USE**

The absence of life-threatening high voltage protects the user from electric shock while using the generator.

✓ **ECONOMIC CHOICE**

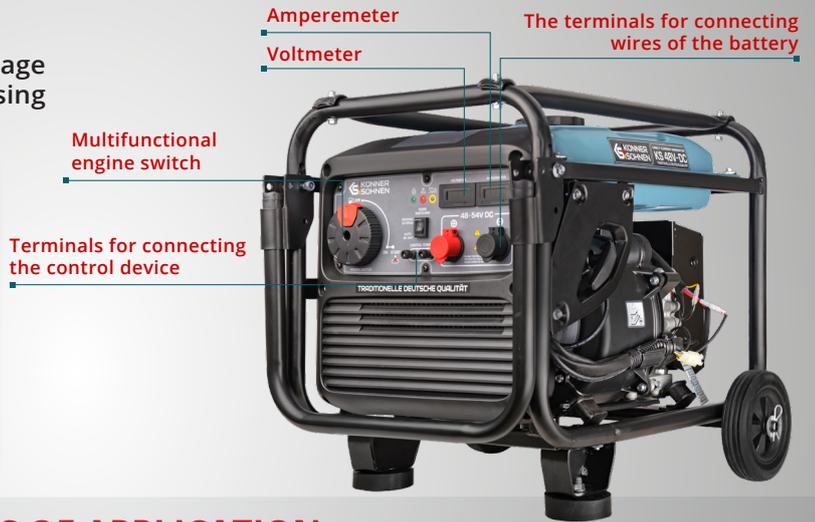
The efficiency of the generator is higher due to the absence of unnecessary conversions, as well as due to the adjustable number of revolutions depending on the load, which reduces fuel costs compared to classical methods using 230V AC generators with subsequent conversion.

✓ **SIMPLE INSTALLATION**

The generator connects directly to the battery, which greatly simplifies installation. The possibility of external control of "dry contacts" significantly expands the possibilities of integrating the generator into existing power supply systems.

KS 48V-DC

Current (max)	70 A
Voltage	48-54 V
Engine start	manual/auto/external
Fuel tank volume	12,5 l
Net dimensions (LxWxH)	695x445x445 mm
Net weight	36,5 kg



SAMPLES OF APPLICATION

INVERTER FOR SOLAR AND WIND POWER PLANTS



ELECTRONIC EQUIPMENT FOR TELECOMMUNICATIONS



UNINTERRUPTIBLE POWER SUPPLY (UPS)



SOLAR STATION



MOBILE BASE STATION



VIDEO SURVEILLANCE ROOM

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