



POWER. AT THE RIGHT MOMENT.



CONVERTERS

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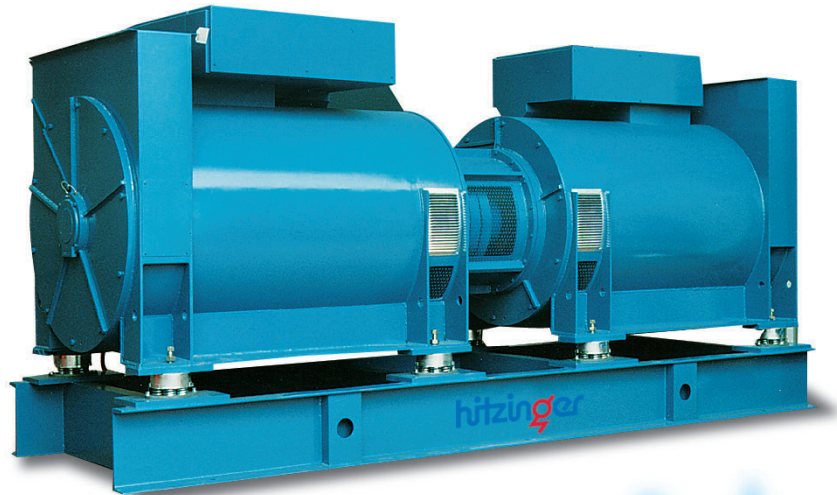




RELIABLE AND TAILORMADE

In view of the rapid technical development, the emphasis on flexible and individual electrical power supply is increasing more and more. Electrical power is required practically everywhere – in all different forms and qualities.

HITZINGER – the experienced specialist for individual power supply – is a manufacturer of a wide range of modern frequency-, stabilizing – and voltage converters, which ensure that the quality of the power supply is always suitable for individual requirements like automatic process control for ship or aeroplanes or for radar and test field systems.



YOU CAN ALWAYS RELY ON HITZINGER

HITZINGER converters distinguish themselves not only in their superior technical conception but also in their well-known reliability. A further increase in availability is also possible by redundant operation.

HITZINGER's development engineers put their main attention not only to the best possible efficiency, they ensure extremely robust, wear-free and maintenance-free design of the converters.

A development philosophy turned into practise; for this reason HITZINGER converters have such an excellent reputation – WORLDWIDE!!



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FOR EVERY KIND OF APPLICATION THERE IS A SPECIAL SOLUTION

The individual application dictates the size and design of the HITZINGER converters.

For example:

HITZINGER has developed a special monoblock construction that is vertically mounted, its operation is safe and virtually maintenance free. Furthermore, this construction incorporates two rollers or two anti-friction bearings that is particularly easy to service and allows extremely simple and speedy installation.

HITZINGER converters are also available in two-machine-design (with or without flywheel) and in many other variations of special constructions.

Your individual converter is our challenge.

POWER THAT COVERS ALL DEMAND

- Frequency
16 2/3 Hz–800 Hz
- D.C. voltage
12 V–1000 V
- A.C. voltage
up to 12 kV
- ratings up to 3 MVA



TYPICAL ADVANTAGES

There are many reasons why you should choose a HITZINGER converter.

Firstly is the patented start system together with very high machine efficiency with the minimum rotating elements achieved through design optimisation.

The following list highlights some of the key benefits of HITZINGER converters.

- high efficiency
- low sound level
- little weight
- small dimensions
- many different variations
- ...robust and reliable during operation
- silent running
- tropical- and seawater-proof insulation
- high sustained short circuit current
- short interruption ride through capability
- ability for overloads
- low distortion factor
- high MTBF-value
- radio interference suppression incl.
- no harmonic reaction to the mains
- easy to operate
- fully automatic
- ...economical service
- low maintenance
- wear-free
- easy spare-parts supply



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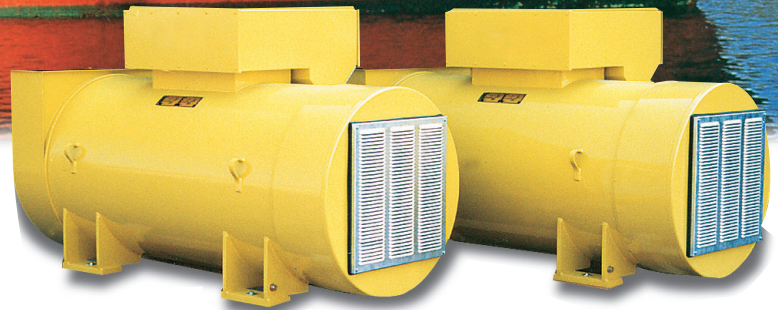


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A PERFECT RESULT OF HITZINGER KNOW HOW

HITZINGER not only designs, manufactures and delivers converters of the highest possible quality, but also offers services that cover all demands. Starting with consulting, project management, planning and installation, staff training and maintenance.

HITZINGER offers all services and supplies all switching-, control-, regulation-equipment, optimised to your specific demands.



REFERENCES:



HITZINGER converters are used all over the world under extreme and most difficult conditions. Especially we would like to point out those HITZINGER converters which have been installed in the Russian Space Center Baikonur as well as in several English Nuclear Power Plants.

Further a large number of HITZINGER converters change frequencies at railway stations, in different test areas, at airports and vessels resp. place "Clean Power" at the individual client's disposal.



CONVERTERS



UPS



ALTERNATORS



AIRPORT
EQUIPMENT



DIESEL
GENERATORS



Dipl. Ing.
Aust



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