



POWER. AT THE RIGHT MOMENT.



CONVERTERS

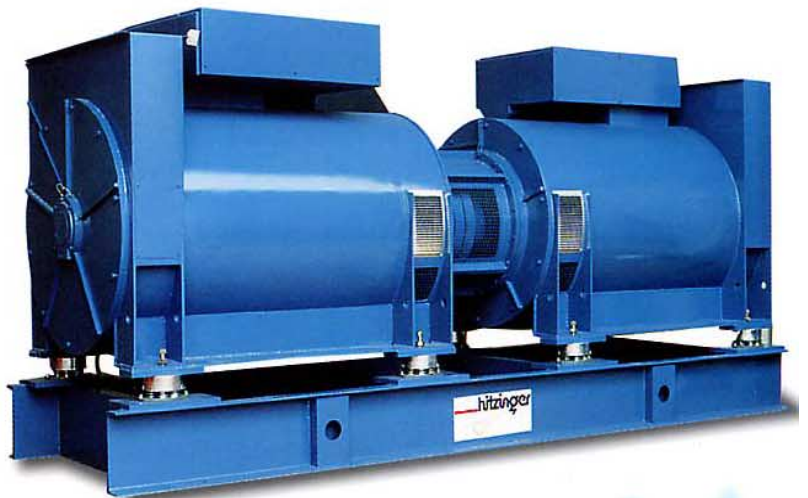
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RELIABLE AND TAILORMADE

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 kinds of forms and qualities. HITZINGER – the experienced specialist for individual power supply – produces over a wide range of modern frequency-, stabilizing- and voltage converters, which ensure, that the quality of the power supply is always suited to the individual requirements. No matter whether for automatic process control for ships or aeroplanes or for radar and computer systems: HITZINGER converters make electrical power in every form and quality available.



YOU CAN ALWAYS RELY ON HITZINGER

HITZINGER converters distinguish themselves not only in their superior technical conception, but most of all with their almost proverbial 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 which stood the hard test in operation and this is one of the reasons why HITZINGER converters have such an excellent reputation – worldwide.



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FOR EVERY KIND OF APPLICATION THERE IS A SPECIAL SOLUTION

Because of the many different requirements HITZINGER converters are available in many different construction variations. For example, HITZINGER has developed a special monoblock construction which has distinguished itself above all for the fact that it needs little space and also for its operational safety. Furthermore, this construction incorporates two anti-friction bearings, is particularly easy to service and allows extremely simple and speedy erection. HITZINGER converters are of course also available in two-machine design with or without flywheel or in many other variations of special construction, so that for every purpose there is a special HITZINGER converter available for you.



TYPICAL ADVANTAGES

There are many reasons why you should choose a HITZINGER converter. One of them is the patented startsystem which not only achieves a better efficiency there are also less rotating elements used. However, the following schedule shows how the special start system of HITZINGER converters is only one of the great variety of advantages.

We have listed up only the most important for you.

HITZINGER converters are...

...compact and economical

- 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

POWER THAT COVERS ALL DEMAND

- Frequency
16 2/3 Hz-600 Hz
- D.C. voltage
12 V-1000 V
- A.C. voltage
up to 12 kV
- ratings up to 3000 kVA





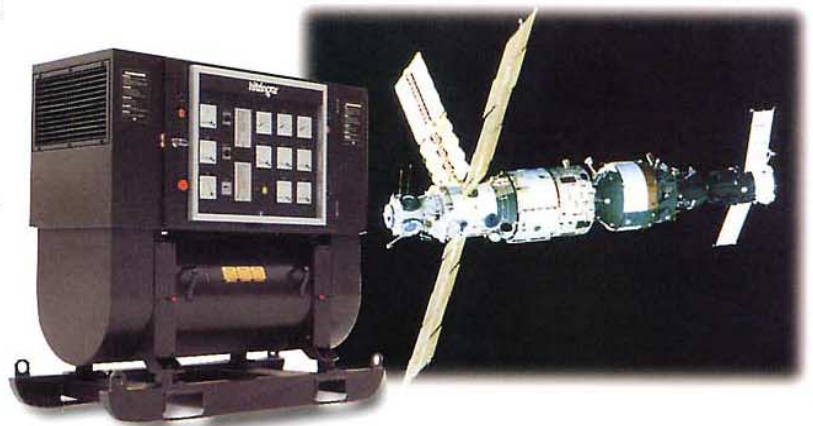
POWER. AT THE RIGHT MOMENT.



A PERFECT RESULT OF HITZINGER KNOW HOW

HITZINGER not only designs, manufactures and delivers converters of the highest possible quality, but also offers upon request services that cover all demands. Starting with consulting, project management, planning and installation, personell training and maintenance. HITZINGER offers all services. Of course, HITZINGER also supplies all switching-, control-, regulation-equipment, optimised to your specific demands.

This is service for the customer practised by HITZINGER worldwide. Do convince yourself.



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.

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UPS
ALTERNATORS
COMBINED HEAT & POWER PLANTS
AIRPORT EQUIPMENT
DIESEL GENERATORS
CONVERTERS

Dipl. Ing. HitZinger Gesellschaft m.b.H.
Austria 4021 Linz, Helmholtzstr. 56, Postfach 5000,
Tel.: ++43(0)732-38 16 81-0, Telefax: ++43(0)732-38 16 81-5
e-mail:hitzinger@aon.at

