

R POWER

INDIVIDUAL GROUND POWER SYSTEMS

In a world where time is fleeting and the stakes are raised, we strive to meet our customers' needs with quality and lowest cost of ownership. Customer satisfaction is the only acceptable result of our innovations. 60 years of experience and existing partnerships prove us right. We ensure that you got the power. Anytime. Anywhere.



- A** Centralized
 - B** Decentralized
 - C** Ground Power Units
- 1** Central power room featuring:
Frequency converter motor panels
400 Hz distribution
 - 2** 400 Hz cable
 - 3** Gate cubicles
 - 4** Cable tray, decentralized converter
 - 5** Decentralized converter
 - 6** Mobile ground power unit (D POWER)

OUR SYSTEMS

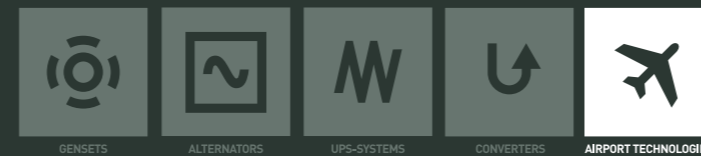
- Centralized systems
- Decentralized systems
- Mobile systems

OUR SERVICE

- Project engineering
- Facility planning
- Financing
- Mechanical and electrical installation
- Commissioning
- Training
- Customer service
- Service and maintenance
- Spare parts supply

FOR OVER 60 YEARS, QUALITY, EFFICIENCY, AND DURABILITY HAVE BEEN THE FOUNDATIONS OF OUR SUCCESS. COUNTLESS INDUSTRIES THROUGHOUT THE WORLD PLACE THEIR TRUST IN US TO PROTECT AND POWER THEIR BUSINESSES AT EVERY MOMENT OF EVERY DAY. AS A WORLD LEADER IN TAILOR-MADE POWER SOLUTIONS, WE ARE YOUR PARTNER FOR INNOVATION, VALUE AND SERVICE. WE ENSURE THAT YOU'VE GOT THE POWER.

POWER. ANYTIME. ANYWHERE.



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 **HITZINGER**
A Member of Dr. Aichhorn Group

YOU GOT THE
POWER.

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AIRPORT TECHNOLOGIES

R POWER Rotary Ground Power Systems



 **HITZINGER**
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POWER. ANYTIME. ANYWHERE.

GUARANTEED POWER



RELIABILITY

Innovative technology and design, low-level maintenance and easy handling of Hitzinger 400 Hz ground power systems provide reliability and low operating cost.



EFFICIENCY

Using a Hitzinger 400 Hz ground power system provides highest efficiency in comparison to an airplane's auxiliary turbine. Operation costs and risk of accidents are significantly reduced.



FLEXIBILITY

We know about the challenges our customers face if it comes to finding the right ground power system for their particular requirements and needs. Maximum flexibility of our units is key to our customer satisfaction.

SIMPLY BRILLIANT

CENTRALIZED SYSTEMS

We are the proven partner for stationary 400 Hz systems in rotary design with a total system output up to 1600 kVA.



FEATURES

- Ratings: 200 - 315 kVA
- 400 Hz distribution
- Line drop compensation
- Failure recorder
- Visualization
- Cable hoist
- Crocodiles (cable trays)

DECENTRALIZED SYSTEMS

State of the art technical design and extremely robust wear and maintenance-free design of the **R POWER** displays the strengths of our stationary converter range.



FEATURES

- Ratings: 10 - 180 kVA
- Converter and switch panel integrated in a soundproof canopy
- Guided control system
- Safe operation and full protection/supervision by microprocessor control
- Easy access for service
- Lifetime > 25 years
- Highest reliability
- MTBF > value 50,000 h
- Low harmonic content - less than 1.5 %
- Radio interference suppression
- Failure recorder
- Interface
- Design acc. to DFS 400

OPTIONS

- Other input voltage and/or frequency than 400 V, 50 Hz
- Second output
- Remote control box
- Transformer start 1.5 x In

MOBILE CONVERTERS

We fulfill individual customer needs by applying a customized concept, using innovative materials, technology, and design which is efficient, reliable, and flexible.



FEATURES

- Ratings: 10 - 180 kVA/400 Hz, 600 - 2500 A/28 VDC
- Easy to handle
- Lifetime over 25 years
- Maintenance free
- Suitable for indoor and outdoor operation
- Lowest noise levels



PRODUCT FEATURES

- Highest reliability
- Multi-lingual display
- Simple operation
- Failure recorder with indication date, and time
- Interface for remote check
- Automatic service indication
- Service switch for self-test
- Excellent access for service and maintenance
- Extremely low noise level
- Maintenance-free, smooth running solid rubber tires with steel spring-loaded axles (mobile design)



Mobile frequency converter 50/400 Hz, 10 - 40 kVA
Mobile 28 VDC unit 600/2500 A



Powercon interface