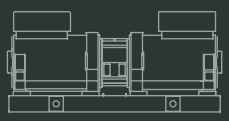
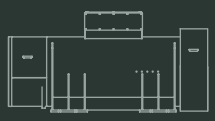
YOU GOT THE **POWER.**

CONVERTERS

C POWER **Stationary & Mobile Systems**





HITZINGER®
Power. Anytime. Anywhere.

GUARANTEED PERFORMANCE

C POWER converters guarantee individual power supply in any required form and quality: Anytime and anywhere. Hitzinger frequency, voltage and stability converters are used in a variety of ways in marine applications, test bays, and any type of grid stabilisation. Based on many years of experience and innovative development, **C POWER** converters provide maximum efficiency with the highest level of quality, reliability and serviceability.

MARINE

C POWER converters are used when it comes to a power supply for ships in the port that is ecologically clean and independent of the local grids. With Hitzinger clean power supplies, sensitive consumers on-board are supplied with electrical energy reliably and in accordance with the respective individual requirements and regulations.

TEST BAYS

The stability, grid quality, accuracy, overload capability and reliability of the rotating **C POWER** converter systems are in demand, especially for the power supply of electrical test bays. The easy and clear visualisation on a PC or touchscreen has already proven itself many times over for reliable and fault-free operation of complex systems.

GRID STABILISATION

Inefficient supply grids and grids with short interruptions or above-average pulse loads need reliable quality and reliability. C POWER stability converters ensure clean, independent output voltage and frequency stability for the greatest supply quality and reliability.

SIMPLY THOUGHT OUT

C POWER

MONO-SHAFT

The **C POWER** mono-shaft converter is characterised by the lowest space requirements, greatest compactness and highest operating reliability. Very easy installation and service is possible because of its use of just two roller bearings.

FEATURES

- → Performance data: 10–1500 kVA (50/60 Hz) 10–3000 kVA (50/50 or 60/60 Hz)
- → Frequencies 16 2/3 Hz–800 Hz
- → AC voltage up to 12 KV
- → DC voltage up to 1000 VDC
- → Freestanding or constructed switchgear

CONSTRUCTION

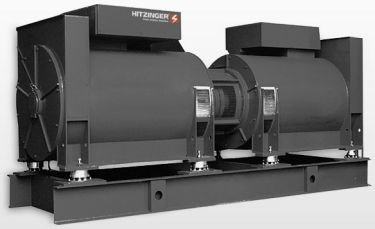
- → Vertical
- → Horizontal

OPTIONS

- → Slip rings for variable voltage adjustment of the output voltage
- → Soundproofing and weatherproofing housing
- → Container (20 ft, 30 ft, 40 ft)
- → Sub-distribution as per customer specification
- → Visualisation on PC or touch panel
- → Remote control
- → Choke, transformer, frequency converter start-up

COUPLED SYSTEMS

Coupled systems are recommended in particular for maximum power, special and medium voltages or electrical test bays. Both the motor as well as alternator can be mounted elastically on vibration dampers if required.



FEATURES

- → Performance data: 10–3000 kVA (50/60 Hz) 10–3500 kVA (50/50 or 60/60 Hz)
- → Frequencies 16 2/3 Hz–800 Hz
- → AC voltage up to 12 KV
- → DC voltage up to 1000 VDC
- → Freestanding switchgear

CONSTRUCTION

- → Standard positive clutch
- → 3 layer design with flexidisc
- → Flywheel converter

OPTIONS

- → Slip rings for variable voltage adjustment of the output voltage
- → Soundproofing and weatherproofing housing
- → Container (20 ft, 30 ft, 40 ft)
- → Sub-distribution as per customer specification
- → Visualisation on PC or touch panel
- → Remote control
- → Choke, transformer, frequency converter start-up

MOBILE CONVERTERS

Maximum flexibility and mobility: On trailers for road transport up to 80 kph and equipped with a weather-proof, soundproofing housing, **C POWER** converters are ready for extensive, individual use anywhere and anytime.

FEATURES

- → Performance data: 10–2000 kVA (50/60 Hz) 10–3500 kVA (50/50 or 60/60 Hz)
- → Frequencies 16 2/3 Hz–800 Hz
- → AC voltage up to 12 KV
- → Switchgear integrated in housing

CONSTRUCTION

- → Mono-shaft design
- → Coupled design
- → Flywheel converter
- → Soundproofing & weatherproofing housing

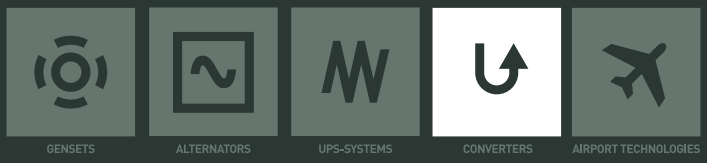
OPTIONS

- → Slip rings for variable voltage adjustment of the output voltage
- → Sub-distribution as per customer specification
- → Visualisation on PC or touch panel
- → Remote control
- → Choke, transformer, frequency converter start-up
- → Cable reel for output cable or cable drum
- → Auxiliary power outlets
- → Sub-distribution as per customer specification

HITZINGER
Power. Anytime. Anywhere.

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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CP_01_en_072013 Technical specifications and illustrations correspond with those at the time of printing. Subject to change.