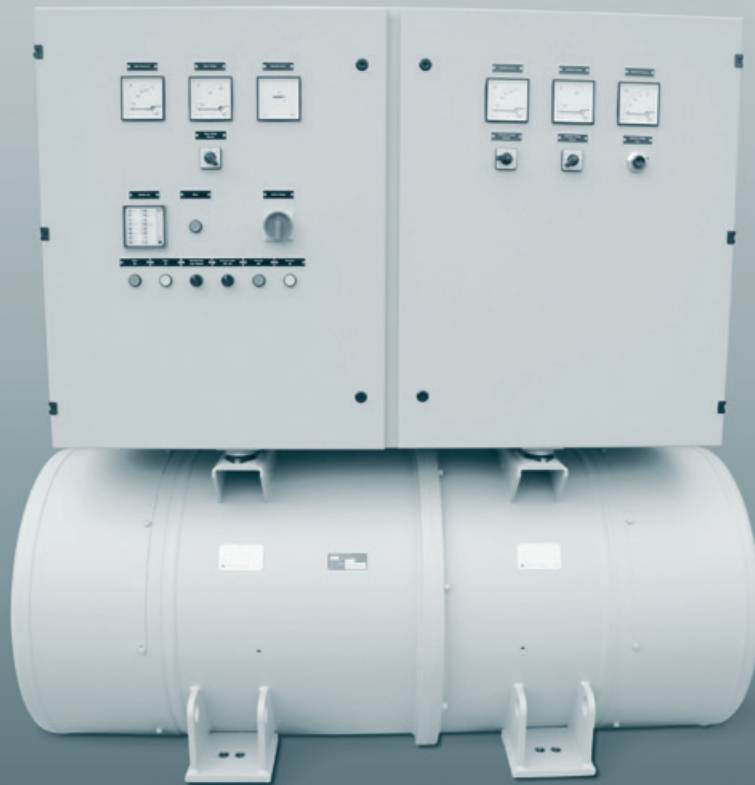




VINCORION



DURABLE QUALITY. ENGINEERED.

ENERGY ANYWHERE AROUND THE GLOBE. PROVIDING AIRPORTS WITH RELIABLE GROUND POWER SOLUTIONS.

We have been accumulating expertise in special-purpose machine building worldwide for over 70 years.

For decades now, our products have been the result of high innovation and creativity. Whether you require customized stationary or mobile versions, whenever power supply or electrical energy is needed, VINCORION has just the right solution for you.

At airports all over the world, you can find our systems as VINCORION Stationary Converter Units and Voltage Drop Compensators. These systems have complex electronics based on microprocessing technology. According to your local applicational requirements, we design and implement tailor-made solutions for the requirements of each airport operation.

VINCORION CONVERTER UNITS AND VOLTAGE COMPENSATORS. RELIABLE POWER AND PROTECTION FOR AIRCRAFT.



VINCORION STATIONARY CONVERTER UNITS

The VINCORION Stationary Converter Units were developed for supplying energy to aircraft in parked position at airports. The converters can be supplied for decentral single operation or for central parallel operation. Our converter units can be adapted to customers' specifications with control cabinets, distributions, line-drop compensators, and cable coils. VINCORION converter units are actuated by control cabinets, containing all necessary protection, operating, and control components, – including the electronic regulating device – all designed according to DFS400 and EN 12312-20. Production and testing of the converters are conducted according to EN 60034.

Stationary Converter Unit: Reliable Power

Technical Specifications*

Rated Power	From 60 kVA to 350 kVA Up to 5 converters in parallel
Output Voltage	200 / 115 V 960 V
Design	Synchronous/synchronous, brushless Asynchronous/synchronous, brushless
Speed	Fixed speed 1,200 / 1,500 / 3,000 min ⁻¹
Cooling Mode	Air-cooled (open-circuit ventilation)

*Construction variations and additional options possible upon request.

VINCORION VOLTAGE DROP COMPENSATORS

Our Voltage Drop Compensators are used to balance voltage drop on cable lines generated by alternating loads of aircraft during parking or transit. Voltage Drop Compensators are located between the converter system and aircraft plug. Voltage to be stabilized is sensed electronically and internally regulated to rated values. Our units are highly reliable with extremely low maintenance rates. Voltage Drop Compensators are designed according to DFS400 and EN 12312-20. Production and testing of the Compensators are conducted according to EN 60034.

Voltage Drop Compensators: Reliable Protection

Technical Specifications*

Rated Power	1 × 90 kVA / 2 × 90 kVA
Input Voltage	From 200 V to 960 V, 400 Hz
Output Voltage	200 / 115 V, 400 Hz
Method of Operation	Electronic/electromechanical
Options	Additional outputs Integrated 50 Hz distribution N-conductor monitoring Totally enclosed

*Construction variations and additional options possible upon request.