
ARMPOL
CONTAINER POWER GENERATORS

CONTAINER FIELD POWER PLANT KEP.1000-01

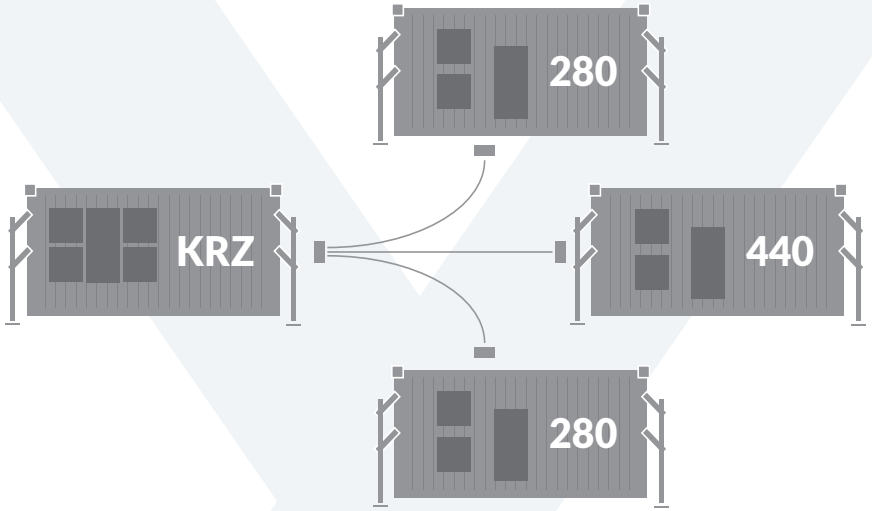
Container field power plant KEP.1000-01

The set of **Container Field Power Plant KEP.1000-01** (1000 kW of power) consists of four container modules:

- **Container Power Generator KZP.280-01 (280 kW of power) – 2 pcs.**
- **Container Power Generator KZP.440-01 (440 kW of power) – 1 pc.**
- **Power Distribution Container KRZ.1000-01 – 1 pc.**

Each of those container modules is built on a basis of standard 20' 1CC ISO container. The power plant can be used both as main or backup source of power, also in a continuous (24h) mode.

The implementation of advanced control solution allows the synchronic mode of work with the power of all modules combined, as well as the sequential work of each power generator. Each container is equipped with the hydraulic reloading and self-leveling system.



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CONTAINER FIELD POWER PLANT KEP.1000-01

Technical parameters

Voltage	3 x 400/230 V
Rated power	1250 (2x350 + 1x550) / 1000 (2x280 + 1x440) kVA/kW
Power factor	0,8 cos φ
Rated current	In = 1810 A
Frequency	50 Hz
Start	electric starter
Engine	MTU 2 x 8V1600G10F + 1 x 12V1600G10F
Fuel	diesel oil
Engine capacity	2 x 14000 + 1 x 21000 cm^3
Number of cylinders	2 x 8 + 1 x 1 2
Rotational speed	1500 rot/min
Rotational speed regulator	ECV
Fuel consumption	2 x 63 + 1 x 80 l/h
Cooling factor	liquid
Generator type	Brushless, synchronic, self-excited 2 x LSA 47.2 S4 + 1 x LSA 47.2 L9
Voltage regulator	DVR
Dimensions (lenghth/width/heighth)	4 x 20' 1CC container (6058/2438/2599 mm)
Fuel tank capacity	2 x 2000 + 1 x 2300 l
Working time with full tank	min. 24 h

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Power Distribution Container KRZ.1000-01

Power Distribution Container KRZ.1000-01 is built on a basis of standard 20' 1CC ISO container.

The distribution container is used to connect power generators, control them remotly, summing up their power and synchronize them as a module of Container Field Power Plant KEP.1000-01. The container is equipped with the hydraulic reloading system.

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POWER DISTRIBUTION CONTAINER KRZ.1000-01

Technical parameters

Voltage	400/230 V
Rated power	1000 kW
Power factor	0,8 cos φ
THD factor	< 2
Frequency	50 Hz
Dimensions (lenghth/width/heighth)	20’ 1CC container (6058/2438/2599 mm)

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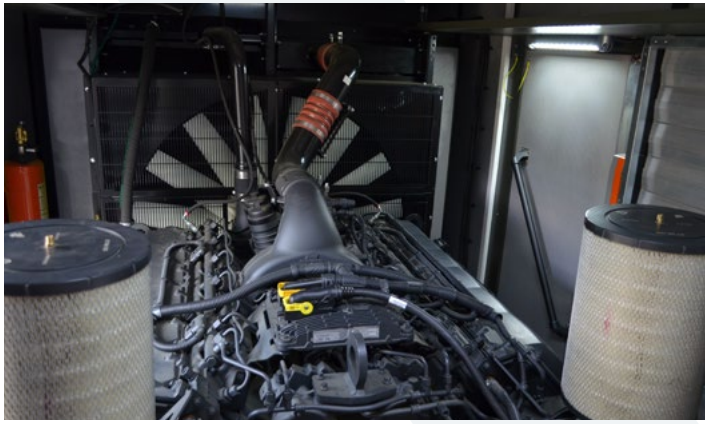
Container Power Generator KZP.440-01

Container Power Generator KZP.440-01 (440 kW of power) is built on a basis of standard 20' 1CC ISO container.

The container generator can be used both as main or backup source of power, also in a continuous (24h) mode. KZP.440-01 can be used as one of the modules of Container Field Power Plant KEP.1000-01. The container is equipped with the hydraulic reloading system.

CONTAINER POWER GENERATOR KZP.440-01



Technical parameters

Voltage	400/230 V
Rated power	550/440 kVA/kW
Power factor	0,8 cos φ
Rated current	In = 800 A
Frequency	50 Hz
Start	electric starter
Engine	MTU 12V1600G10F
Fuel	diesel oil
Engine capacity	21000 cm^3
Number of cylinders	12
Rotational speed	1500 rot/min
Rotational speed regulator	ECV
Fuel consumption	80 l/h
Cooling factor	liquid
Generator type	Brushless, synchronic, self-excited LSA 47.2 L9
Voltage regulator	DVR
Dimensions (lenghth/width/heighth)	20' 1CC container (6058/2438/2599 mm)
Fuel tank capacity	2300 l
Working time with full tank	min. 24 h

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Container Power Generator KZP.280-01

Container Power Generator KZP.280-01 (280 kW of power) is built on a basis of standard 20' 1CC ISO container.

The container generator can be used both as main or backup source of power, also in a continuous (24h) mode. KZP.280-01 can be used as one of the modules of Container Field Power Plant KEP.1000-01. The container is equipped with the hydraulic reloading system.

CONTAINER POWER GENERATOR KZP.280-01

Technical parameters

Voltage	400/230 V
Rated power	350/280 kVA/kW
Power factor	0,8 cos φ
Rated current	In = 505 A
Frequency	50 Hz
Start	electric starter
Engine	MTU 8V1600G10F
Fuel	diesel oil
Engine capacity	14000 cm^3
Number of cylinders	8
Rotational speed	1500 rot/min
Rotational speed regulator	ECV
Fuel consumption	63 l/h
Cooling factor	liquid
Generator type	Brushless, synchronic, self-excited LSA 47.2 S4
Voltage regulator	DVR
Dimensions (lenghth/width/heighth)	20' 1CC container (6058/2438/2599 mm)
Fuel tank capacity	2000 l
Working time with full tank	min. 24 h

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ARMPOL is a research and development company specializing in a production of military purpose equipment including: specialized containers (mobile command centers, workshops, hospitals and other), air conditioning systems, air filtering and ventilation systems, power generators and other. Operating since 1990, ARMPOL have become one of the leaders in its field providing advanced and high-quality products.

ARMPOL products are thoroughly tested, acquire required approvals and certificates, and are supplied with required technical documentation. The company has implemented quality management system that complies with the requirements of BS EN ISO 9001: 2009 and the NATO standardization norm AQAP 2110: 2009.

ARMPOL holds a license issued by the Ministry of Internal Affairs allowing the company to conduct business activities related to design, production and storage of specialized equipment for the Ministry of Defense. Additionally, the company has gained a Certificate of Conformance with AQAP standards for the purpose of foreign trade in goods, technologies and services of strategic importance to national security


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