

## AC/DC power supply block JETAB9000 for operation with diesel generator



### Features

- The block consists of three JETA3000-380S28,5-SCP and three power filters JETAF15- 380-SCP (optional)
- Input three-phase voltage 304...456VAC
- Output power up to 9000W
- Output current up to 316A
- Parallel operation
- Overcurrent, short circuit and overvoltage protection
- Thermal protection
- Remote on/off
- Output voltage adjustment
- In-built aluminium heat sink
- In-built separate output diodes

## Description

The unit consists of three connected in parallel AC/DC converters JETA3000-380S28.5-SCP, mounted on a common aluminum heat sink. It is designed for harsh environment in the temperature range -50° C ... + 85° C and humidity up to 95 %. The unit has dimensions of 400x389x213mm and a maximum output power of 9000 W, load current up to 316A.

As the input voltage for the power supplies, linear voltages of the three-phase input connected via a "triangle" scheme, provided by a generator set in the center of an assembled heat sink. The input of each module, upon request, can be equipped with protection and filtration modules JETAF15 to improve the EMC parameters.

Cooling system used allow acquiring 6500 W of output power with the ambient temperature of +50° C.

The unit possesses full protection complex with self-recovery option, such as: power overload, short circuit, overvoltage and thermal protection.

Also, it is possible to implement a range of service functions into the unit, in accordance with the customer' requirements – such as, remote on/off, output voltage adjustment, output for the output voltage monitoring control.

The unit has passed all kinds of thermal and capacity tests, including extreme on/off modes testing.

## Certificates

### Qualification testing reports

#### **Certificate ISO 9001\***

#### **CE Conformity declaration**

\* Quality Management system at Alexander Electric, including R&D departments, is certified in accordance with ISO.

## Contact

<http://www.goncharov-jet.com>, e-mail: [rnd@goncharov-jet.com](mailto:rnd@goncharov-jet.com), tel./fax: +420 281 001 341

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