RAKU2-ZP
Set of wires for battery enclosure - RAKU2

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EN

1. Application

The RAKU2-ZP cable set is designed for connecting 2÷4 7Ah/18Ah /12V (SLA) batteries placed in the RAKU2 enclosure. To facilitate making connections, some of the wires have flat connectors with a branch. The set includes an insulating hose to secure the connections made.

Technical parameters

Cable length	2x 40cm, 4x 20cm
The diameter of the wires	2,5 mm ^{2}
Maximum voltage	60V DC max.
Maximum current	20A max.
Connectors	Battery inputs: 6,3F-2,5
Net/gross weight	0,07kg / 0,10kg
Storage temperature	-20ºC...+60ºC
Notes:	The set includes an insulating hose
Warranty	2 years from the production date

2. Mounting

2.1. Requirements

The cable set should be mounted by a qualified installer, holding relevant permits and licenses (applicable and required for a given country) for low-voltage installations. The device shall be mounted in confined spaces (in accordance with the 2nd environmental class) with normal air humidity (RH=90% max. without condensation) and the temperature from -10°C to +40°C. In order to meet the requirements of LVD and EMC directives, the rules for power supply, enclosures, shielding, and cable routing, depending on application, must be observed.

2.2 Installation procedure

1. Mount the RAKU2 enclosure in the RACK cabinet
2. Connect the batteries with the battery wires paying attention to the polarity (+ BAT red, -BAT black) and the required connection method (see Fig. 1)
3. Place the batteries into the RAKU2 enclosure and connect the battery pack to the buffer power supply with the appropriate battery protection and charging control circuits.
4. Close the enclosure, cabinet, etc. once the tests and operation control are completed.

Due to the risk of combustible gas generation during charging, the RACK cabinet and the mounting space must be properly ventilated.

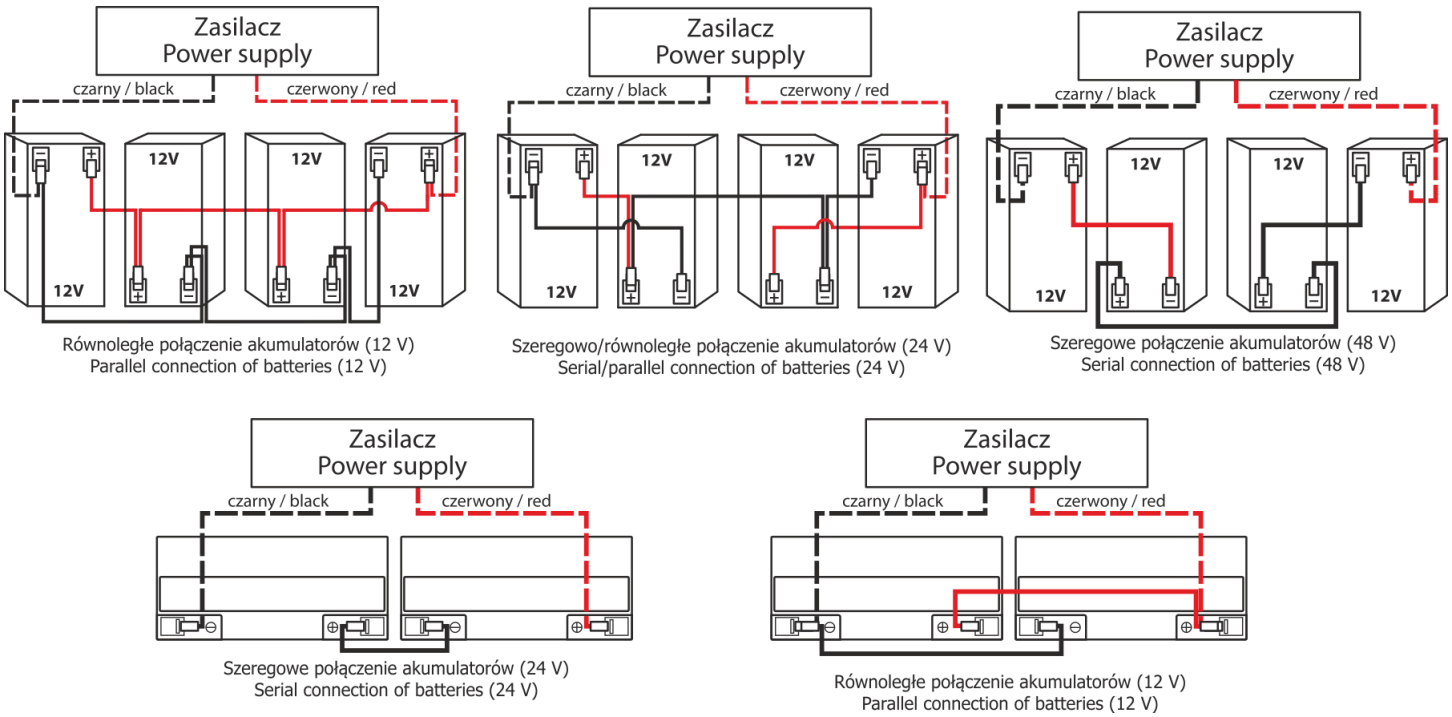

Fig. 1. Battery connection methods.

WEEE LABEL

Waste electrical and electronic equipment must not be disposed of with normal household waste. According to the European Union WEEE Directive, waste electrical and electronic equipment should be disposed of separately from normal household waste.

The power supply unit is adapted for a sealed lead-acid battery (SLA). After the operation period it must not be disposed of but recycled according to the applicable law.

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