

USER MANUAL

Starting generator from a distance with a dry contact

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Please read this user manual carefully.

Thank you for choosing a PESS Energy product and we hope that you will find complete satisfaction in using your device on a daily basis.

If despite this manual you encounter misunderstandings of use or situations that have not been mentioned in this document, we invite you to contact us by email at contact@pessenergy.com or by phone at +33 4 91 58 86 74.

Please read all instructions in this manual carefully. Follow all warnings and information in this manual. PESS Energy cannot be held responsible for any damage or damage caused by improper use.

For more information about our company and our product, you can find us on our official website www.pessenergy.com.

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GENERAL INFORMATION

A dry contact output can be added to your PESS Energy energy station. This normally open contact closes when the PESS Energy energy station reaches a low load threshold (SOC close to 0%).

This dry contact is available via the use of the Neutrik brand SpeakON connector. The wiring of the SpeakON connector is carried out as follows:

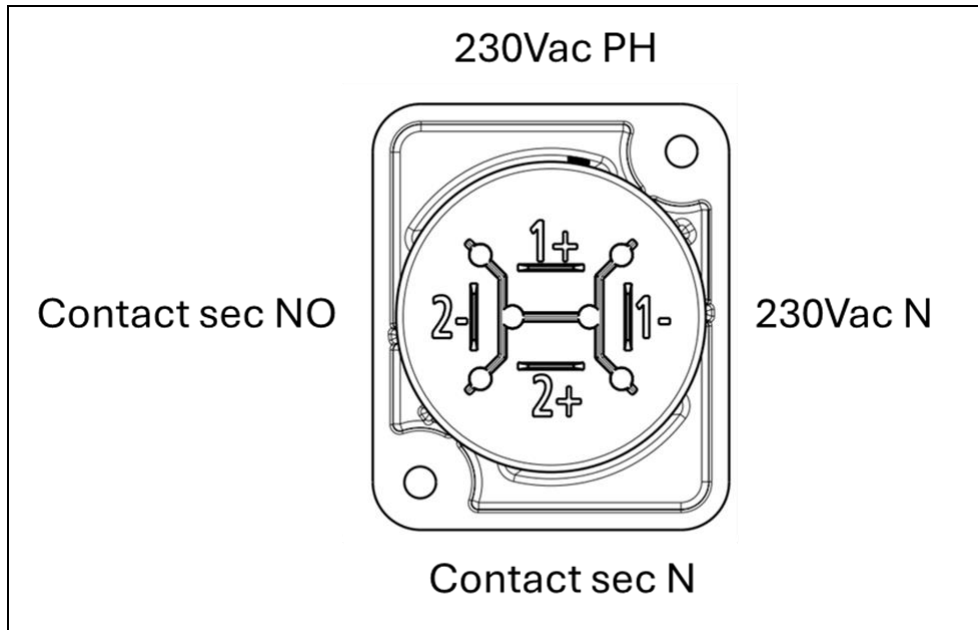


Figure 1 : SpeakON plug's wiring

Terminals 1+ and 1- of the SpeakON connector are powered by a 230Vac voltage enabling the starting battery of a generator to be recharged, for example.

Terminals 2+ and 2- are not powered. They are directly connected to a normally open contact which closes when approaching the low load threshold of the PESS Energy energy station.

WIRING ADVISED & LIGHTING PROCEDURE

The wiring advised is as follows:

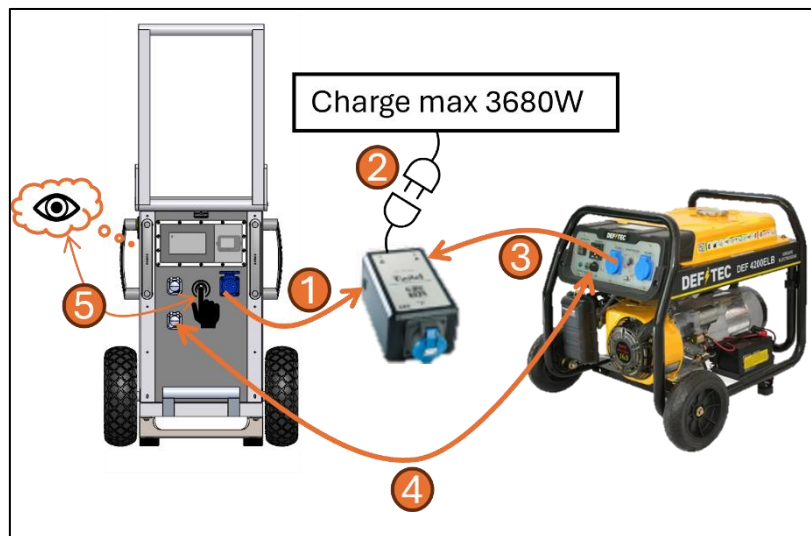


Figure 2 : Wiring with an InfiNiT16A

Here is the procedure:

1. Connect the « BOBINE » OUTPUT plug to one of the two InfiNiT16A INPUT plug, using its charging cable.
2. Connect the InfiNiT16A box output to the load.
3. Connect the thermal generator output to the remaining input of the InfiNiT16A, using another « BOBINE » charging cable.
4. Connect the SpeakON plug between the « BOBINE » and the thermal generator.
5. Check that the differential circuit breaker is in the « ON » position. Start the « BOBINE » by pressing its ON/OFF button.
6. SpeakON should send an ignition signal to the generator when the SOC is approaching 0%.

The same procedure applies to the WATTMAN, but it is necessary to use the 32A output of the WATTMAN as well as the InfiNiT32A for high powers, greater than 3600W.