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**42. Standard power load reporting.**  
Parameter defines by how much power load must change, in percents, to be reported to the main controller. By default, Fibaro Wall Plug sends power report if the power load changes by 15%. By default such changes in power load may be reported up to 5 times per 30 seconds. Wall Plug sends 5 reports during time period specified in parameter 43.  
**Default setting: 15 (%)**

Available settings: 1 - 100 (%)

Value of 100 (%) means the reports are turned off.

Parameter: 1[byte]

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**43. Power reporting frequency.**

This parameter defines how frequently standard power reports (parameter 42) will be sent. By default Wall Plug sends up to 5 reports each 30 seconds, provided the power load changes by 15%.  
**Default setting: 30 (s)**

Available settings: 1 - 254 (s)

Value of 255 - Reports will be sent only as a result of parameter 47 settings or in case of polling.

Parameter: 1[byte]

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**45. Reporting changes in energy consumed by controlled devices**

New, reported energy value is calculated based on last reported value.  
**Default setting: 10 (0,1 kWh).**

Available settings: 1 - 254 (0,01kWh - 2,54kWh).

Value of 255 - changes in consumed energy will not be reported. Reports will be sent only in case of polling.

Parameter: 1[byte]

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**47. Time period between reports on power load and energy consumption.**

Parameter defines time period between reports sent when changes in power load have not been recorded. By default, if power load changes have not been recorded, reports are sent every hour.  
**Default setting: 3 600 (s),**

Available settings: 1 - 65534 (s)

Value of 65535 - no periodic reports. Reports will be sent only in case of power load / energy consumption changes (parameters 40, 42, 43,45) or in case of polling.

Parameter: 2[byte]

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**49. Metering energy consumed by the Wall Plug itself.**

This parameter determines whether energy metering should include the amount of energy consumed by the Wall Plug itself.

Results are being added to energy consumed by controlled device.  
Default setting: 0

Available settings:  
**0** - function inactive,  
**1** - function activated.

Parameter: 1[byte]

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## ASSOCIATION GROUP 2

Status of devices added to 2nd Association Group may depend on power consumed by the connected device. For example, turning on the TV controlled by the Plug will turn off the lights in the room.

User defines two thresholds: UP and DOWN, and then defines the reaction to them being exceeded (parameter 52).

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**50. DOWN value**  
Lower power threshold, used in parameter 52.  
**Default setting: 300 (30 W)**

Available settings: 0 - 25 000 (0,0W - 2 500W)

DOWN value cannot be higher than a value specified in parameter 51.

Parameter: 2[byte]

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**51. UP value**  
Upper power threshold, used in parameter 52.  
**Default setting: 500 (50 W)**

Available settings: 1 - 25 000 (0,1W - 2 500W)

UP value cannot be lower than a value specified in parameter 50.

Parameter: 2[byte]

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**52. Action in case of exceeding defined power values**  
(parameters 50 and 51)

Parameter defines the way 2nd association group devices are controlled, depending on the current power load.  
**Default setting: 6**

Available settings:

**0** - function inactive,

**1** - turn the associated devices on, once the power drops below DOWN value (parameter 50),

**2** - turn the associated devices off, once the power drops below DOWN value (parameter 50),

**3** - turn the associated devices on, once the power rises above UP value (parameter 51),

**4** - turn the associated devices off, once the power rises above UP value (parameter 51),

**5** - 1 and 4 combined. Turn the associated devices on, once the power drops below DOWN value (parameter 50). Turn the associated devices off, once the power rises above UP value (parameter 51).

**6** - 2 and 3 combined. Turn the associated devices off, once the power drops below DOWN value (parameter 50). Turn the associated devices on, once the power rises above UP value (parameter 51).

Parameter: 1[byte]

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## COLOUR SETTINGS

**60. Power load, which when exceeded, makes the LED ring flash violet.**

Function is active only when parameter 61 is set to 0 or 1.  
**Default setting: 25 000 (2 500W)**

Available settings: 1 000 - 32 000 (100W - 3200W).

Parameter: 2[byte]

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**61. LED ring illumination colour when controlled device is on.**  
**Default value: 1**

Available settings:

**0** - LED ring illumination colour changes in predefined steps, depending on power consumption changes,

**1** - LED ring illumination colour changes continuously, using full spectrum of available colorus, depending on power consumption changes.

**2** - White illumination,

**3** - Red illumination,

**4** - Green illumination,

**5** - Blue illumination,

**6** - Yellow illumination,

**7** - Cyan (Greenish blue) illumination,

**8** - Magenta (Purplish red) illumination,

**9** - illumination turned off completely.

Parameter: 1[byte]

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**62. LED ring illumination color when controlled device is off.**  
**Default setting: 8**

Available settings:

**0** - LED ring is illuminated with a color corresponding to the last measured power, before the controlled device was turned off,

**1** - White illumination,

**2** - Red illumination,

**3** - Green illumination,

**4** - Blue illumination,

**5** - Yellow illumination,

**6** - Cyan (Greenish blue) illumination,

**7** - Magenta (Purplish red) illumination,

**8** - illumination turned off completely.

Parameter: 1[byte]

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**63. LED ring illumination colour at the Z-Wave network alarm detection.**  
**Default setting: 1**

Available settings:

**0** - No change in colour. LED ring illumination colour determined by parameters 61 or 62 settings,

**1** - LED ring flashes red / blue / white (default),

**2** - White illumination,

**3** - Red illumination,

**4** - Green illumination,

**5** - Blue illumination,

**6** - Yellow illumination,

**7** - Cyan (Greenish blue) illumination,

**8** - Magenta (Purplish red) illumination,

**9** - illumination turned off completely.

Parameter: 1[byte]

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## SAFETY

**70 . Overload safety switch**

This function allows for turning off the controlled device in case of exceeding the defined power. Controlled device will be turned off even if "always on" function is active (parameter 1).

Controlled device can be turned back on via B-button or sending a control frame. By default this function is inactive.

**Default setting: 65 535 (6 553,5W)**

Available settings: 10 - 65 535 (1W - 6 553,5W).

Value higher than 32 000 (3 200W) turns the overload safety switch off, i.e. this functionality is turned off by default.

Parameter: 2[byte]

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**i** **NOTE**  
This functionality is not an overload safety protection nor a short circuit protection. Circuit needs additional short circuit and overload protection.

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## XI. Guarantee

1. The Guarantee is provided by FIBAR GROUP Sp. z o.o. (hereinafter "Manufacturer"), based in Poznan, ul. Lotnicza 1; 60-421 Poznan, entered in the register of the National Court Register kept by the District Court in Poznań, VIII Economic Department of the National Court Register, no. 370151, NIP 7811858097, REGON: 301595664.

2. The Manufacturer is responsible for equipment malfunction resulting from physical defects (manufacturing or material) of the Device for 12 months from the date of its purchasing.

3. During the Guarantee period, the Manufacturer shall remove any defects, free of charge, by repairing or replacing (at the sole discretion of the Manufacturer) any defective components of the Device with new or regenerated components, that are free of defects. When the repair impossible, the Manufacturer reserves the right to replace the device with a new or regenerated one, which shall be free of any defects and its condition shall not be worse than the original device owned by the Customer.

4. In special cases, when the device cannot be replaced with the device of the same type (e.g. the device is no longer available in the commercial offer), the Manufacturer may replace it with a different device having technical parameters similar to the faulty one. Such activity shall be considered as fulfilling the obligations of the Manufacturer. The Manufacturer shall not refund money paid for the device.

5. The holder of a valid guarantee shall submit a guarantee claim through the guarantee service. Remember: before you submit a guarantee claim, contact our technical support using telephone or e-mail. More than 50% of operational problems is resolved remotely, saving time and money spent to initiating guarantee procedure. If remote support is insufficient, the Customer shall fill the guarantee claim form (using our website - www.fibargroup.com) in order to obtain claim authorization. When the guarantee claim form is submitted correctly, the Customer shall receive the claim confirmation with an unique number (Return Merchandise Authorization -RMA).

6. The claim may be also submitted by telephone. In this case, the call is recorded and the Customer shall be informed about it by a consultant before submitting the claim. Immediately after submitting the claim, the consultant shall provide the Customer with the claim number (RMA-number).

7. When the guarantee claim form is submitted correctly, a representative of the Authorised Guarantee Service (hereinafter as "AGS") shall contact the Customer.

8. Defects revealed within the guarantee period shall be removed not later than 30 days from the date of delivering the Device to AGS. The guarantee period shall be extended by the time in which the Device was kept by AGS.

9. The faulty device shall be provided by the Customer with complete standard equipment and documents proving its purchase.

10. Parts replaced under the guarantee are the property of the Manufacturer. The guarantee for all parts replaced in the guarantee process shall be equal to the guarantee period of the original device. The guarantee period of the replaced part shall not be extended.

11. Costs of delivering the faulty device shall be borne by the Customer. For unjustified service calls, the Service may charge the Customer with travel expenses and handling costs related to the case.

12. AGS shall not accept a complaint claim only when:

- the Device was misused or the manual was not observed,
- the Device was provided by the Customer incomplete, without accessories or nameplate,
- it was determined that the fault was caused by other reasons than a material or manufacturing defect of the Device
- the guarantee document is not valid or there is no proof of purchase,

13. The Manufacturer shall not be liable for damages to property caused by defective device. The Manufacturer shall not be liable for indirect, incidental, special, consequential or punitive damages, or for any damages, including, inter alia, loss of profits, savings, data, loss of benefits, claims by third parties and any property damage or personal injuries arising from or related to the use of the Device.

14. The guarantee shall not cover:

- mechanical damages (cracks, fractures, cuts, abrasions, physical deformations caused by impact, falling or dropping the device or other object, improper use or not observing the operating manual);
- damages resulting from external causes, e.g.: flood, storm, fire, lightning, natural disasters, earthquakes, war, civil disturbance, force majeure, unforeseen accidents, theft, water damage, liquid leakage, battery spill, weather conditions, sunlight, sand, moisture, high or low temperature, air pollution;
- damages caused by malfunctioning software, attack of a computer virus, or by failure to update the software as recommended by the Manufacturer;
- damages resulting from: surges in the power and/or telecommunication network, improper connection to the grid in a manner inconsistent with the operating manual, or from connecting other devices not recommended by the Manufacturer.
- damages caused by operating or storing the device in extremely adverse conditions, i.e. high humidity, dust, too low (freezing) or too high ambient temperature. Detailed permissible conditions for operating the Device are defined in the operating manual;
- damages caused by using accessories not recommended by the Manufacturer
- damages caused by faulty electrical installation of the Customer, including the use of incorrect fuses;
- damages caused by Customer's failure to provide maintenance and servicing activities defined in the operating manual;
- damages resulting from the use of spurious spare parts or accessories improper for given model, repairing and introducing alterations by unauthorized persons;
- defects caused by operating faulty Device or accessories.

15. The scope of the guarantee repairs shall not include periodic maintenance and inspections, in particular cleaning, adjustments, operational checks, correction of errors or parameter programming and other activities that should be performed by the user (Buyer). The guarantee shall not cover natural wear and tear of the Device and its components listed in the operating manual and in technical documentation as such elements have a defined operational life.

16. If a defect is not covered by the guarantee, the Manufacturer reserves the right to remove such defect at its sole discretion, repairing the damaged or destroyed parts or providing components necessary for repair or replacement.

17. This guarantee shall not exclude, limit or suspend the Customer rights when the provided product is inconsistent with the purchase agreement.

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**i** **This Device may be used with all devices certified with Z-Wave certificate and should be compatible with such devices produced by other manufacturers.**  
Any device compatible with Z-Wave may be added to Fibaro system.

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## FIBARGROUP FIBARO

In case of any technical questions contact customer service centre in your country.

**www.fibargroup.com**