

# **MI-TY-A6-microUSB**

**Switching Power Supply**

**User's Manual**



**Simple way to smarter wireless solutions**

## Description:

This switch mode power supply adapter converts AC voltage from common mains to low DC voltage for electric appliances requiring 5V DC up to 500 mA connected via the micro-USB connector.

## Warning:

Dangerous voltage inside the equipment!

Read this manual carefully before using the adapter. The adapter must be used for appointed purposes only. The manufacturer as well as the distributor take no responsibility for improper using of the adapter.



## Applications:

- IQRF platform, especially specified IQRF gateways
- For other appliances intended for this adapter

## Key features:

- Connection to mains
- Stabilized output

## Electrical specifications

Input:	100–240 V AC, 50–60 Hz, max. 0.2 A
Output:	5 ± 0,35 V DC, max. 500 mA
Protection classification:	IP20
Operating conditions:	indoor, dry environment only
Operating temperature:	0 °C to +70 °C
Tested according to:	EN 60950-1:01 EN 55022-1-06 EN 61000-3-2:06 EN 61000-3-3:95 EN 55024-2:98
Dimensions:	50 x 65 x 25 mm
Cable length:	1.5 m
Weight:	66 g

## Usage:

1. Make sure that the appliance is intended for this adapter – see User's guide of the appliance.
2. Make sure that there is no evidence of damage or malfunction of the adapter.
3. Make sure that conditions and mains are in accordance with the Electrical specifications above.
4. Connect the adapter to the appliance via the microUSB connector.
5. Plug the adapter to mains.

## Safety rules:

To avoid fire or injuries from electricity, keep the following rules:

- Keep the adapter clean including the cable and connectors.
- Do not expose the adapter to rain, humidity, increased temperature, impacts or vibrations.
- Do not use the adapter in a bathroom or in outdoor.
- Do not open the case. Do not modify the equipment. All repairs must be done by proper service only.
- The adapter can exude buzzing sound during operation. This is not an indication of malfunction.
- Disconnect the equipment from mains when it is not using.
- For liquidation act in accordance with local regulations.



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# Sales and Service

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**Partners and distribution:**

Please visit [www.iqrf.org/partners](http://www.iqrf.org/partners)

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