

## Data sheet

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### **REAdy Converter, Malaysia**

- Flexible converter unit for meter reading
- Rugged design
- Long battery lifetime
- Support of Wireless M-Bus, C mode



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## READY Converter

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READY Converter is part of Kamstrup READY System and is responsible for the automatic data collection from smart energy- and water meters equipped with Wireless M-Bus communication.

READY Converter is a unique standardized Wireless M-Bus solution for easy and fast reading of smart energy- and water meters.

The reading of the smart meters takes place using the READY Converter which receives data and sends this to a smartphone/tablet which is responsible for storing the data. Each device can contain data from up to 15,000 meters.

The direct communication between the smart energy and

water meters and READY Converter is based on a comprised communication protocol focusing on fast, safe and robust data communication and long battery lifetime.

This comprised communication protocol is called C mode.

Due to the optimised Wireless M-Bus communication protocol. READY Converter can receive data from up to 30 smart energy- and water meters per second, making it a perfect drive-by solution.

## What is in the box?

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READY Converter is delivered ready to use in a box containing:

- 1 x READY Converter
- 1 x whip antenna
- 1 x quick guide

The intuitive quick guide leads you through the installation of the PC software and the smartphone app and shows you how to connect software, app and converter unit with each other.



## Technical data

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### Communication interfaces

Meter reading	Wireless M-Bus, C mode
Data transfer to smartphone	Smartphone/tablet wireless interface

### Further interfaces

Charging	Micro USB
Optical interface	3 x LED for battery status
User interface	ON/OFF button

### Frequencies

Wireless M-Bus, from the meter	918.625 MHz
Wireless M-Bus, to the meter	918.825 MHz
Wireless reader interface (smartphone/tablet)	2402 MHz - 2480 MHz

## Power supply

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### READy Converter

3.6 VDC internal, rechargeable battery

Operation time (fully charged)	< 8 hours
Charging time (fully discharged)	9 hours
Charging consumption	Min. 500 mA (use the original cable)

To function optimally, READy Converter must be fully charged at least once every half year.

Battery can only be replaced by Kamstrup educated personal.

-Do not allow children to replace batteries without adult supervision.

## Mechanical data

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Size, LxBxD (in mm)	120x65x24 (without whip antenna) 275x65x24 (with whip antenna)
Weight (incl. antenna)	160 g
Antenna plug	SMA-RP
Charging plug	Micro USB

### Temperature range

Charging	10 °C – +55 °C
Operation	-10 °C – +55 °C
Storage	0 °C – 60 °C
Humidity	< 85 %, non-condensing

## Marking

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- CE
- RoHS
- RED (Radio Equipment Directive) [EN300 220, EN301 489, EN300 328, EN62368, EN62311]

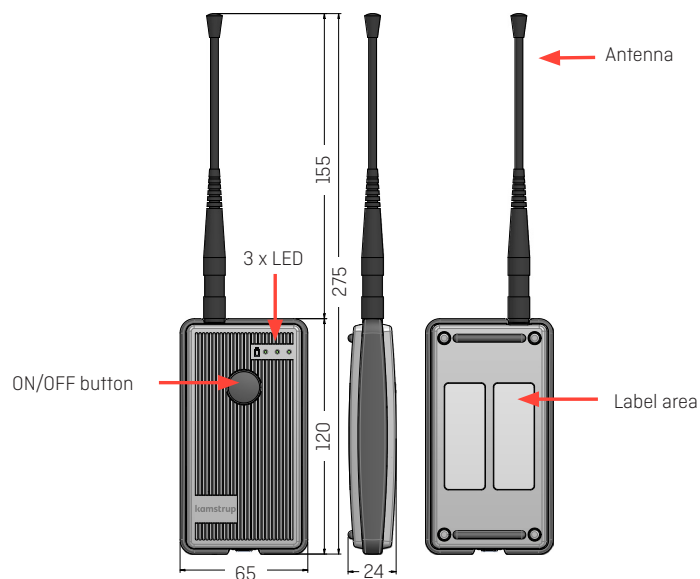
## Supported meter types

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- The READy Converter is designed for reading Kamstrup water meters to the Malaysian marked.

## Dimensions

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## Order information

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READy Converter Solution (complete) READy Converter Type: 6696-5-00060

## Safety information

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A list of good advice to end-user is found in IEC 62133-2:2017® IEC 2017 where these should be highlighted in particular:

- Keep batteries out of the reach of children
- Battery usage by children should be supervised by an adult
- Do not try to disassemble READy Converter
- Do not expose READy Converter to open fire.

## Disposal

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Please return READy Converter to Kamstrup A/S if the above specifications cannot be fulfilled.

## Accessories

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Magnetic roof antenna [complete]

6696 011

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