JOOBY ELECTRA MTX1
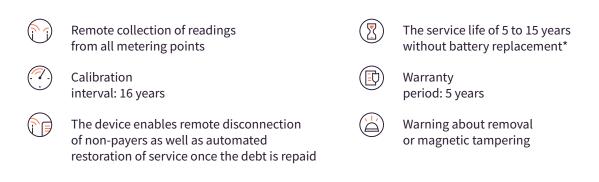
jooby

LoRaWAN-enabled multi-rate single-phase electricity meter

Part number: JOOBY ELECTRA MTX1 LoRaWAN A10.DG.2L5-LD4

Backed by the built-in radio module, the meter enables suppliers and management companies to receive accurate data on electricity consumption as fast as possible. The built-in radio module collects meter readings and transmits the data to the supplier's administrative panel over a LoRaWAN wireless network at a preset interval. The device can operate in four tariff zones. The meter software alerts you about attempts at tampering or magnetic exposure. The supplier can also remotely disconnect non-paying consumers. All this increases the collection of fees, optimizes data collection, and prevents electricity theft.

Remote collection of readings from all metering points

Calibration interval: 16 years

The device enables remote disconnection of non-payers as well as automated restoration of service once the debt is repaid

The service life of 5 to 15 years without battery replacement*

Warranty period: 5 years

Warning about removal or magnetic tampering

*subject to the data reporting frequency and the amount of interference between the unit and the base station

LoRaWAN device class

Electricity metering	A+
Rated / Maximum current, A	5 (80)
Rated voltage, V	220
Accuracy class	1
Number of measuring elements	2

Automated meter reading system (AMRS)

Number of tariffs supported	Up to 4
Number of seasons supported	12
Daily archive depth, years	1
Monthly archive depth, years	4
Half-hourly data archive	Up to 6 channels for each type of electricity, archive depth 2–4 months
Tariff support in the AMRS and outside the AMRS	Yes
Data transmission technology	LoRaWAN wireless network
Remote control relay / power limiter	Yes
Remote parameterization	Via the AMRS remotely or via the optical port
Calibration interval, years	16
Warranty, years	5

Case

Showing OBIS codes on the display	Yes
Tamper and theft protection: case and terminal cover tamper sensors	Yes
Built-in indicator plastic seals and a unique QR code	Yes
Protecting the optical port with a sealable button	Yes
Protected access to the software and parameterization using a three-level password	Yes
Transparent case for visual inspection	Yes
Protecting against magnetic and electromagnetic exposure	Yes
Installing regular seals	Yes