Qube One

App enabled smart energy meter

Crafted in Bengaluru 💙

App enabled smart energy meter

kWh

Qube One

1 Phase 2 Wire 5-30A
240V 50Hz 3200 Imp/kWh
Class 1.0, Type Q1

Pulse

WiFi/Scroll

Status

IS: 13779
CM/L - 8540884

www.qube.eco
Designed by Qube 🖤
Mfg. by Jaipur Electronics
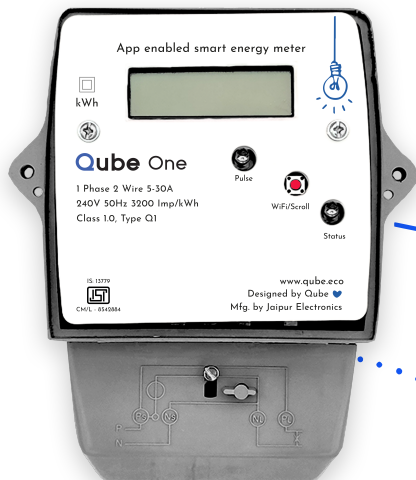
"Experience smart metering and automated billing at your finger tips"

Qube

Qube HQ
List of all devices in your property

Qube HQ
104.20 kWh

Proto Three
175.39 kWh
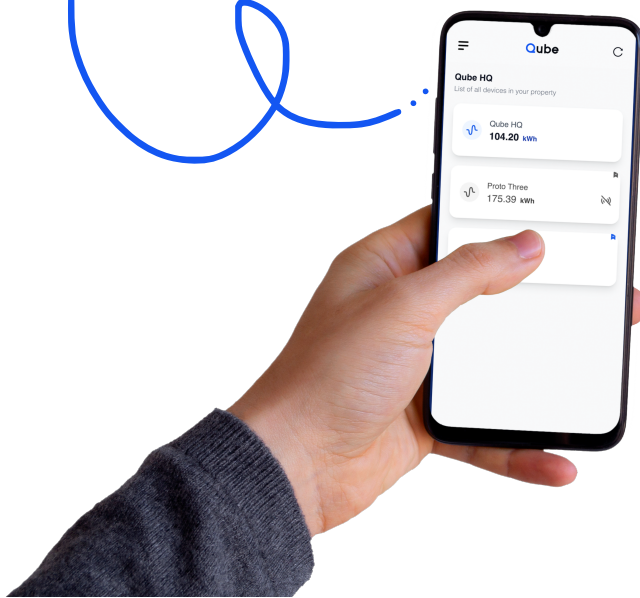
What is Qube One?

Qube One is a smart energy meter that allows you to monitor the energy consumption of home, office, building or industrial equipment from the comfort of your mobile phone or laptop.

Metering data can be retrieved over WiFi / Cellular / RS485 and allows you to monitor your readings from anywhere across the world. The meter provides the ability to engage / disengage power being supplied to the load. This enables you to disconnect power incase of non-payment of electricity bill.

In case you want to integrate our meters into your existing dashboard or ERP, we also provide an API endpoint where you can get all the data. Readings from one meter can be shared with multiple people using a simple link.

Our energy meters have Class 1 accuracy and is compliant to IS 13779 standard.

Features

Single & Three Phase Multifunction meter

Load control (relay) to control power

WiFi Enabled

Real time data

Class 1.0 Accuracy

API integration

Prepaid / Postpaid

OTA Update Ready

Secure encrypted communications

Historical data stored on server

Share meter readings with simple link

LCD display with live readings

IS 13779 compliant

Easy Installation

Unbreakable Polycarbonate housing

Network connection status LED

Custom Tarif for each meter

Ready to use Web Dashboard

Well-designed mobile application

Tamper Proof

Comparison

Benefits	Other Meters	Qube Meters
Monitors energy consumption	✓	✓
Historical data storage	✗	✓
Realtime values on mobile / web dashboard	✗	✓
Engage / Disengage power	✗	✓
Energy consumption analytics	✗	✓
Custom meter tariff	✗	✓
Use as prepaid/postpaid	✗	✓
Share metering data with anyone	✗	✓

Mobile App and Web Platform

1. OTP based authentication

2. See realtime data from your meters

3. Multiple energy meters can be added to a single account

4. Share meter data with anyone using a simple link

5. Public API integration

6. Available on iOS App Store and Android Play Store

7. Meter data stored on server

8. Engage / Disengage power to load

9. Energy and power consumption analytics for each meter

10. Set custom tariff for each energy meter
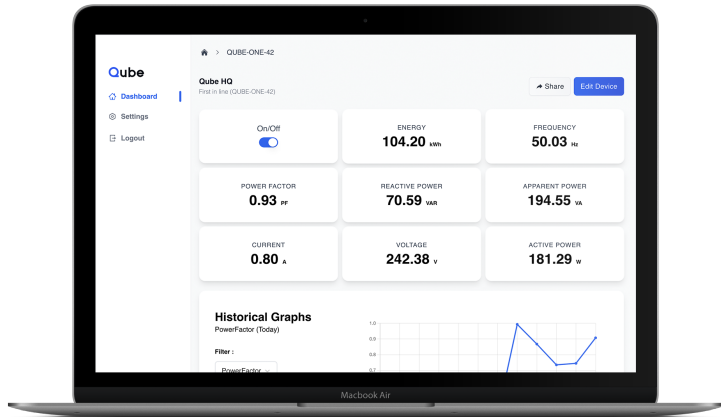
Dashboard on Web Platform
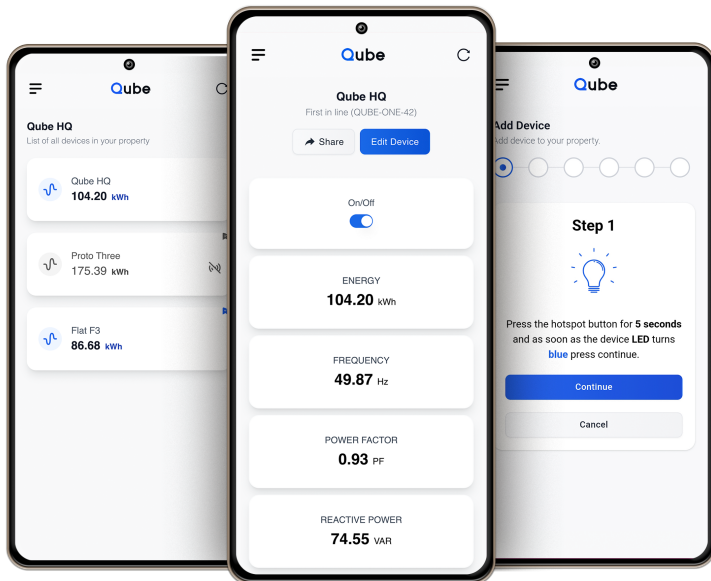
Key mobile interfaces

Technical Specification

Electrical

Connection Type	Direct Connected
Wiring configuration	Single Phase, Two wire
Voltage range	230/240 V (P-N)
Current range	5-30 A
Accuracy class	1.0
Mains Frequency	50 Hz

Compliance

Standards	IS 13779
Meter Constant	3200 imp/kWh

Mechanical

Dimension	168 x 110 x 75 mm
Weight	370 gm
Enclosure	Polycarbonate
Ingress Protection	IP 51

Measurement

Energy Type   Active Energy
Energy Registration   Forward or Import
Parameters   1. Voltage (V)
                           2. Current (A)
                           3. Active Power (W)
                           4. Apparent Power (VA)
                           5. Reactive Power(VAr)
                           6. Frequency (Hz)
                           7. Active Energy (kWh)
                           8. Power Factor

Communication

Network   WiFi / RS485 / Cellular
Interval   5 Seconds / Variable

Applications
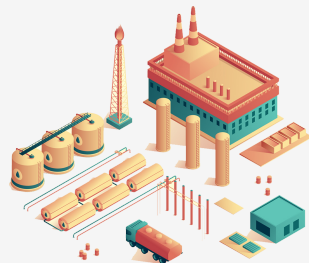

Hotels & PGs

Coworking Spaces

Residential Houses

Coliving Spaces

Commercial Buildings

Industrial Facilities

Other Products

Connection Type
Wiring type required to connect the meter

Single Phase
2 Wire

Three Phase
3/4 Wire

Network Options
Communication with app & dashboard

Basic
No communication.
Shows 8 parameters on LCD

WiFi
Connect your meter using
your home or office network

RS485
Uses Modbus protocol for
industrial applications

Cellular
Connect your meter using a
SIM

Load Control
Load control of the meter

With Relay
Ability to automatically
engage / disengage power

Without Relay
No ability to control power
output

Contact Details

Address: FF2, Amrutha Priya, Dasarahalli
Main Road, Hebbal, Bengaluru - 560024

Email: apoorva@qube.eco,
hrithik@qube.eco,
deep@qube.eco

Phone: +91 70071 19127,
+91 99821 68317

Website: https://qube.eco