



“Sense your home, it has something to say”

www.sustlabs.com

www.ohmassistant.com

■ About SustLabs

SustLabs effectively reads and decodes real-time electricity consumption of the house all the way up to key appliances level just by using smart meter data. We call it reading the 'heart-beat of our homes'.

Our product, Ohm, is a residential electrical assets management tool. This allows users to understand which appliances are awake at the moment and what is happening in their homes real-time through a mobile and voice applications.

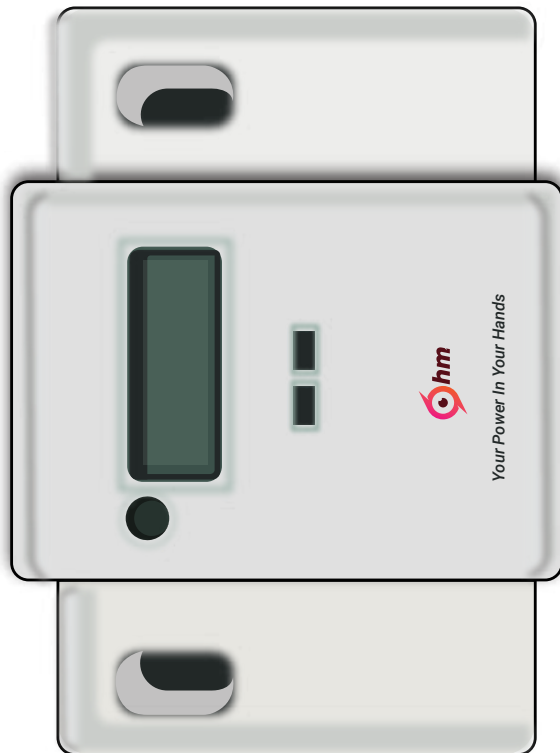
■ Why SustLabs

Sustlabs has an IoT product for residential (and small offices) electricity users to track overall and appliance level electricity consumption without deploying any sensors. Machine Learning-based algorithms have allowed our users to save over 17.5% of electricity. And now, we also feature in Mission Innovation 4 (by the EU) amongst the top 100 companies globally that are making a difference via saving electricity.

Apart from the support from CISCO, Tata Power, etc., SustLabs is also part of Google Launchpad (one of the Top 10 companies in the AI/ML space). Housed inside IIT Bombay, SustLabs has been pushing products out in the global markets as well with companies like Schneider Electric and others.

■ Ohm Assistant Technical Specifications

Single Phase



Connection :	1 Phase 2 Wire
Power Consumption :	< 1 W
Voltage Range :	176 ~ 276w AC
Current Input :	0.25 ~ 5[45] A Direct Connection
Frequency :	50 / 60 Hz
Operating Temperature :	-25C ~ +55C
Communication	Wifi 802.11b/g/n
Operating Frequency :	2.4Ghz - 2.5Ghz
Mounting :	Din rail 35mm
Measurements :	Energy [KWH], Supply Frequency [Hz], Power Factor [PF], Voltage[V], Ampress [A]
Real Time Data :	Yes

■ Ohm Assistant Technical Specifications

Three Phase

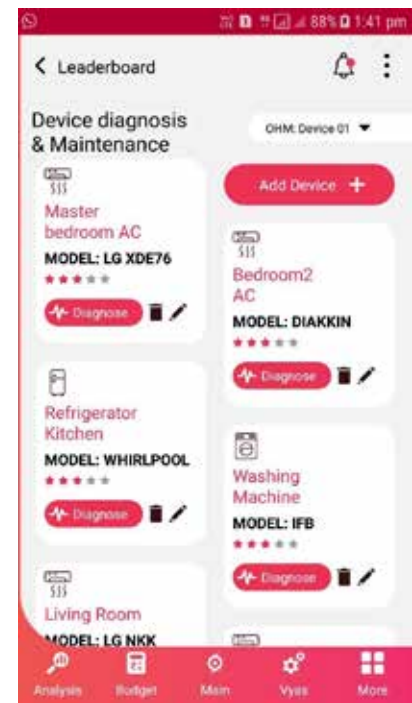
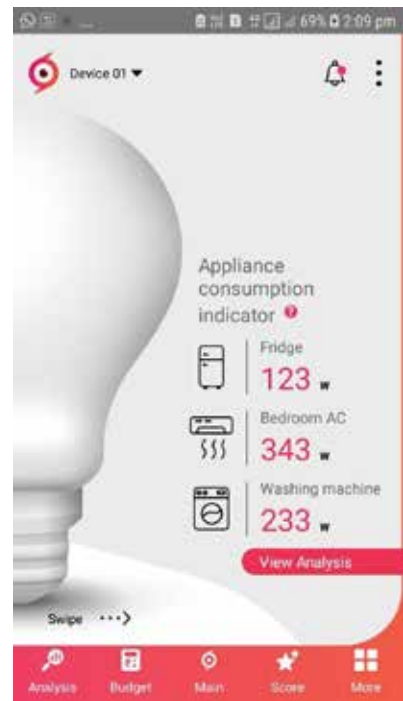


Connection :	3 Phase 4 Wire
Power Consumption :	< 2 W
Voltage Range :	3 x 230 / 400v
Current Input :	3 x 0.5~10 [100] A Direct Connection
Frequency :	50 / 60 Hz
Operating Temperature :	-25C ~ +55C
Communication	Wifi 802.11b/g/n
Operating Frequency :	2.4Ghz - 2.5Ghz
Mounting :	Din rail 35mm
Measurements :	Energy [KWH], Supply Frequency [Hz], Power Factor [PF], Voltage [V], Ampress [A]
Real Time Data :	Yes

■ Ohm For Home Features

- Real time Energy consumption in Watt and Units
- Analyze the consumption trends
- Appliance Level segregation - yesterday, weekly and monthly
- Diagnose health of your appliances
- Get Energy Statements
- Electricity Bill forecast
- Pay your electricity bill as well
- Last 24hrs consumption pattern
- Energy units graph weekly and monthly
- Forecast electricity bills
- Discover power leaks
- Vyas - User asset management
- Get notified sudden surge in consumption
- Easy to use mobile app with an intuitive interface
- Know which devices are functioning properly and which are not

■ App Images



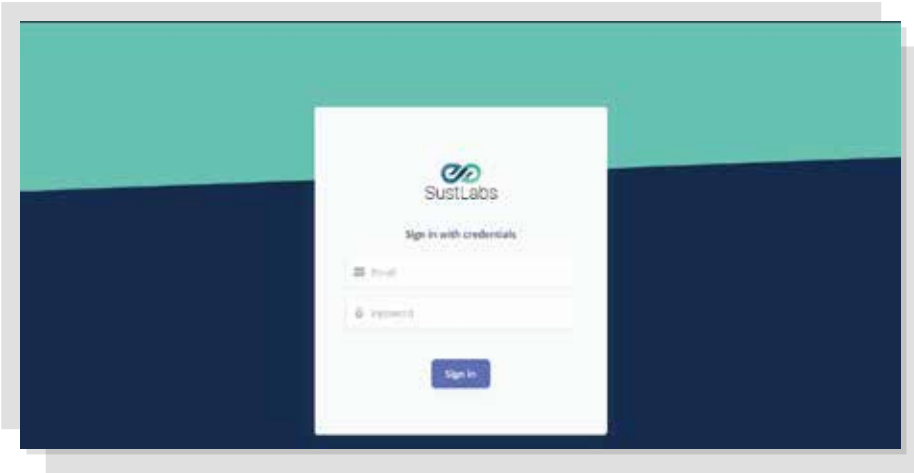
It's simple. Ohm connects your electricity meter to your mobile phone. So you get to see the electricity consumption of every appliance in your home. Monitor their usage via our easy-to-use interface on your mobile or your desktop. Discover power leaks and get notified about a sudden surge. You can also find out if your appliances are functioning as per manufacturer's rating. No more guesswork with your electricity bill.

■ Ohm For Business Features

- A CRM tool for management and ground executives with an easy to understand interface
- Positioned as real time auditing tool
- Parent - child user hierarchy
- Live active power on a web-based dashboard
- View details- energy consumed, Power Factor - weekly, daily and monthly.
- Hourly graph of energy consumption
- Other features include alerts on abnormal consumption patterns
- Also get access to Power Factor, Voltage, Frequency, Current, etc.
- No limitation of users and number of devices in dashboard
- Appliances segregation (subject to type of appliances used in the premises)
- Daily reports
- High consumption areas arranged in chronological order
- Our users are saving up to 39% electricity and are improving their bottom line

CRM Tool Dashboard - Screenshots

Login Page



Login View



Parameters

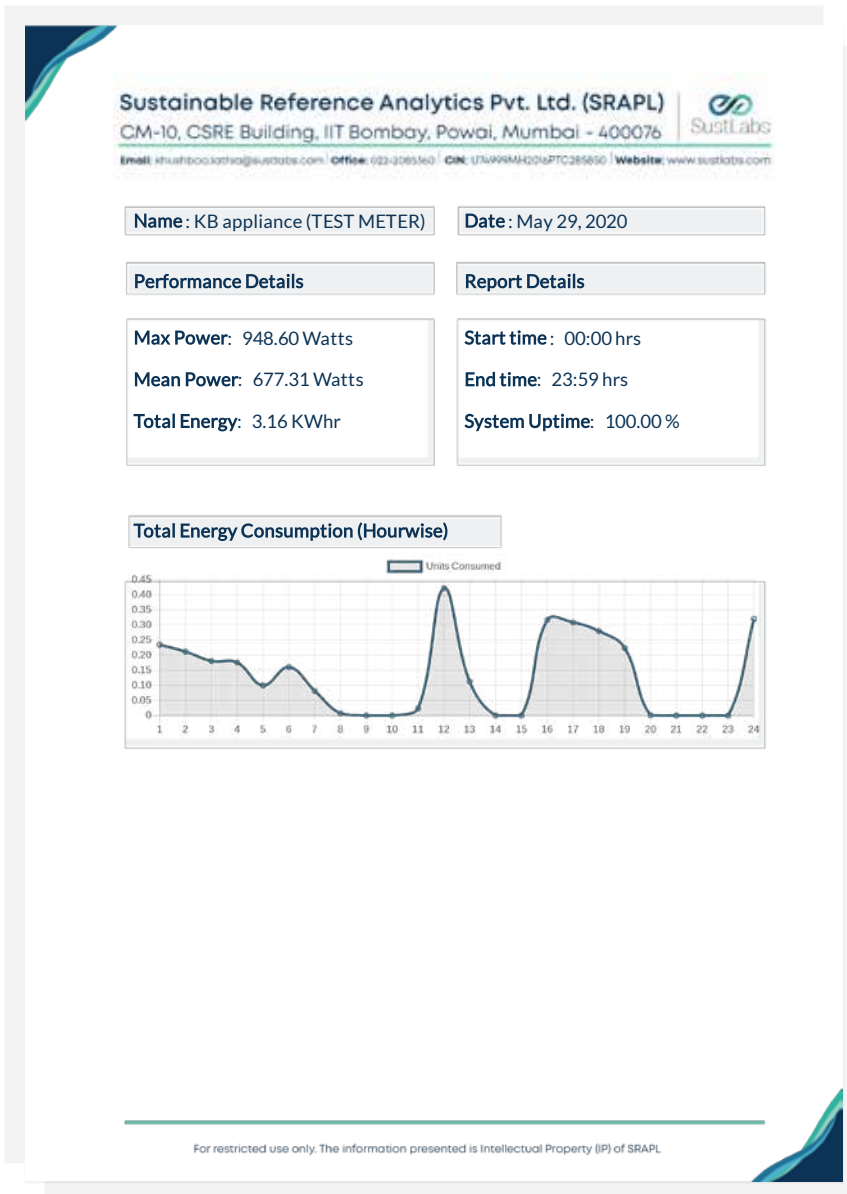


Dashboard

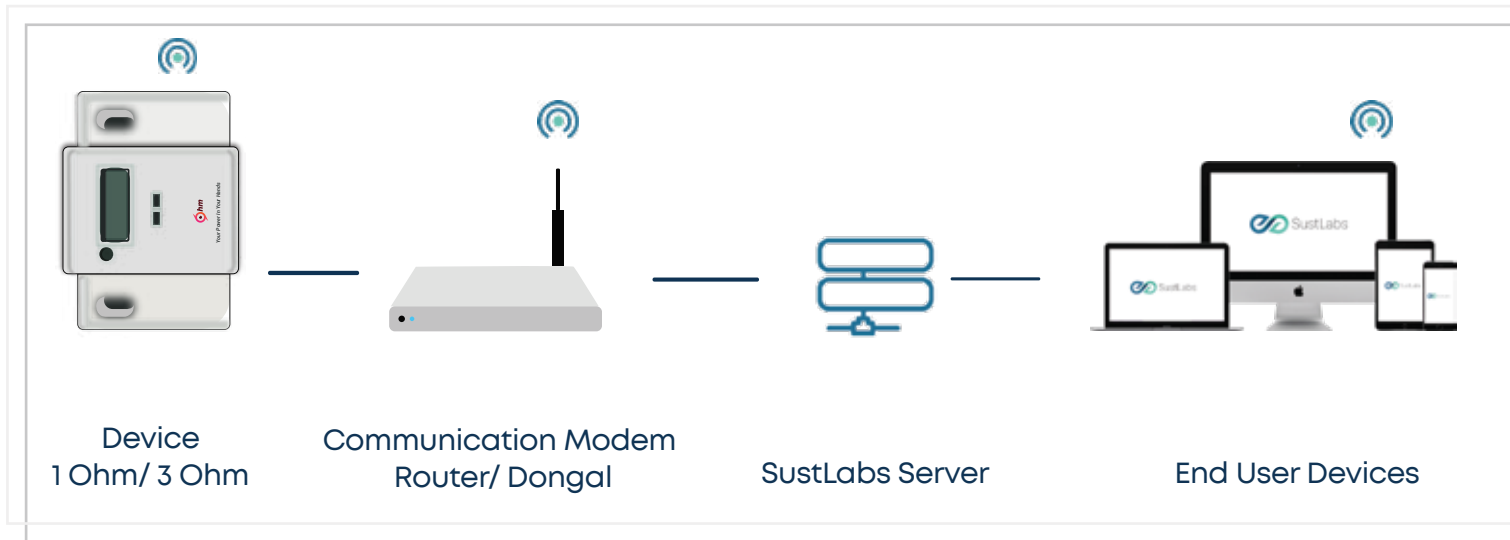
METER ID	DESCRIPTION	LOCATION	POWER	STATUS	ACTION
131	40 appliances (100-40-100)	Deployed at ATM	142 Watt	+ ONLINE	View Details
140	Device 4	Deployed nowhere	0 Watt	+ No Status	View Details
138	Device 3	Deployed here	0 Watt	+ No Status	View Details
136	Device 2	Deployed here	0 Watt	+ No Status	View Details
135	Device 1 (TEST METER)	Deployed at ATM	0 Watt	+ ONLINE	View Details

■ Sample Report - Screenshots

■ Installation Images



■ Ohm Functionality



- Connect Ohm - Inside the distribution pannel
- Install Sutlabs Android app
- Once Ohm is powered *on* connect it with the existing home Wifi using Id, password created
- Get to see the real time consumption. The bot may take some time to learn the applainces

■ Data Privacy

<https://ohmassistant.com/Privacy-Policy-SustLabs>



Recognized as a 1.5 deg. C footprint - reduction compatible solution (top 100 companies) by the European High Commission with Research Institute of Sweden

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