



SHOWN: SPARK WL-30 · 43 MM TALL

TUYA WI-FI · ULTRASONIC

● SPARK WL-30 · WATER LEVEL SENSOR

Know the water level. Without opening the tank.

The Spark WL-30 sits on top of the tank and measures the level with ultrasound, without touching the water. See the level in the Tuya Smart app, and get an alert before the tank runs dry or overflows.

● Tuya Wi-Fi

● Ultrasonic · no contact

● Range 10 cm - 2.9 m

● High & low level alarms

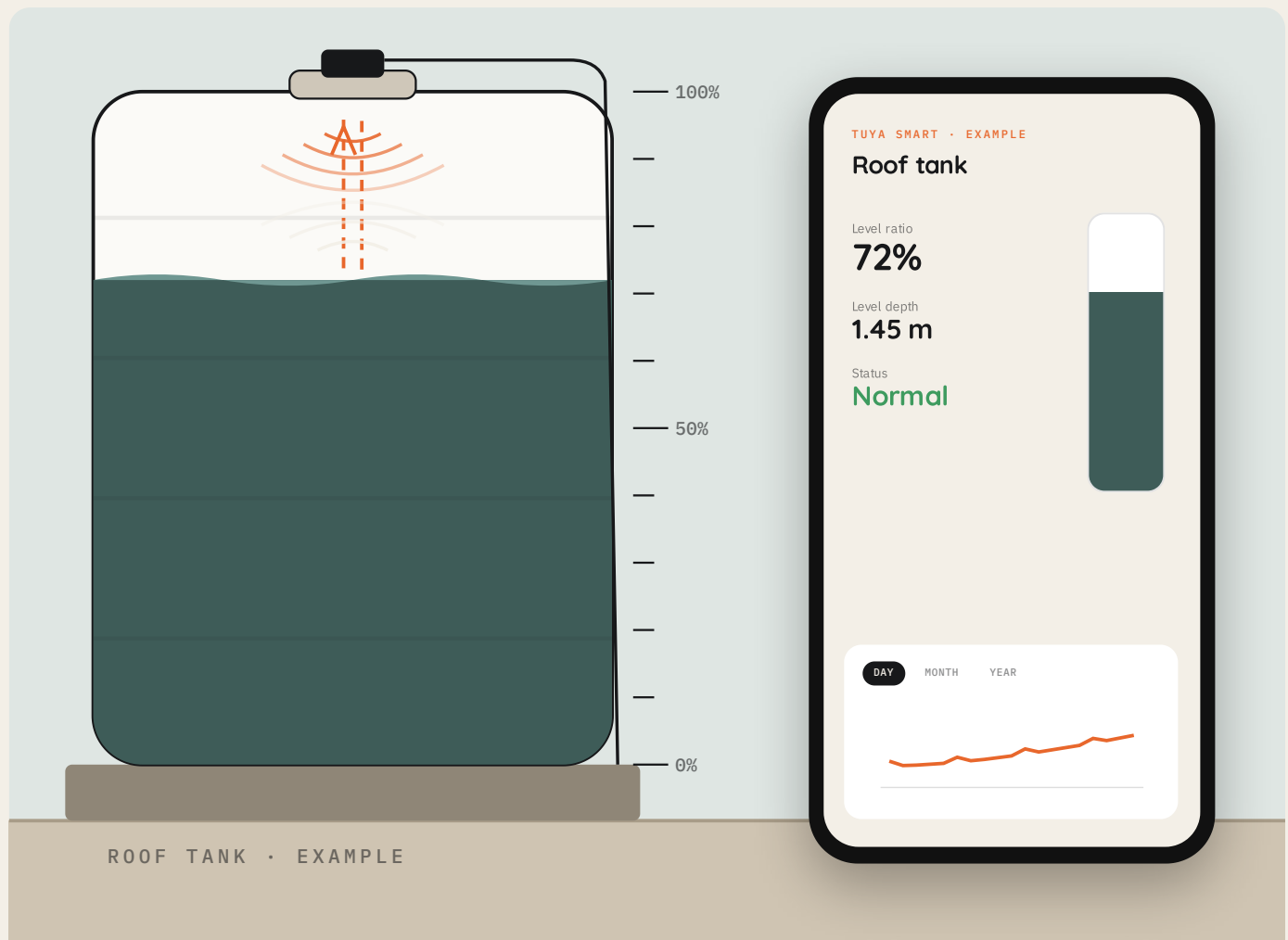
● Water and oil tanks

● Several tanks, one app

● Level history

HOW IT WORKS

Sound in. Level out. No contact with the water.



1 Sends

The sensor on the tank lid sends an ultrasonic pulse down to the water.

2 Echo

The pulse bounces back from the surface. The time it takes gives the distance.

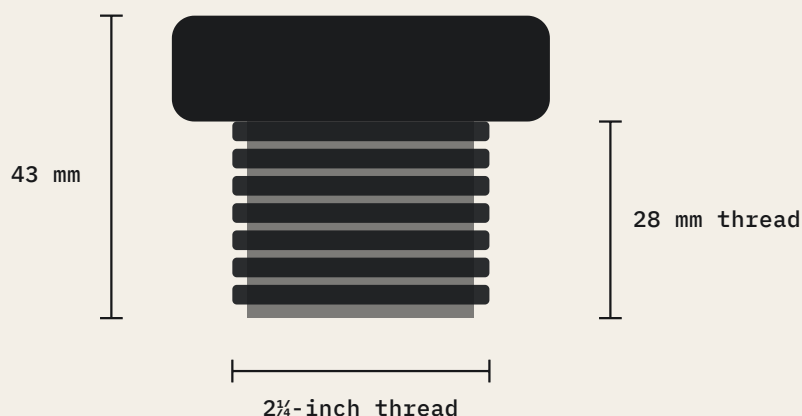
3 Shows

The level appears in the app as a percentage, a depth and a status.

Because nothing touches the liquid, the WL-30 works on water tanks and oil tanks alike. The app keeps a level history by day, month and year.

INSTALLATION

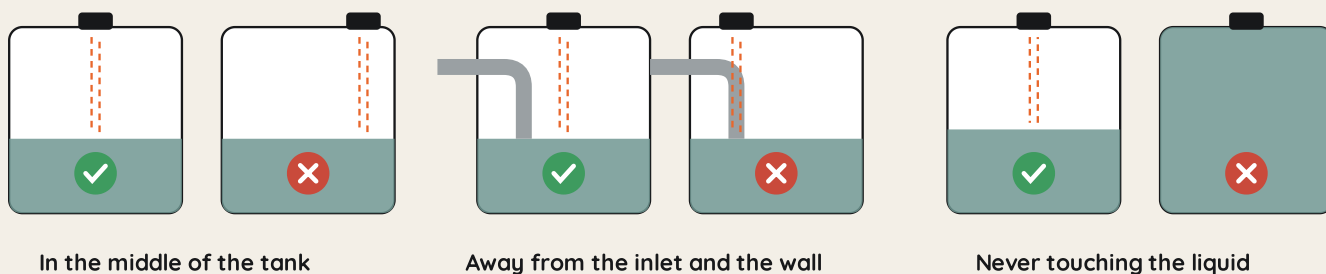
Screws into the lid. Set up in the app.



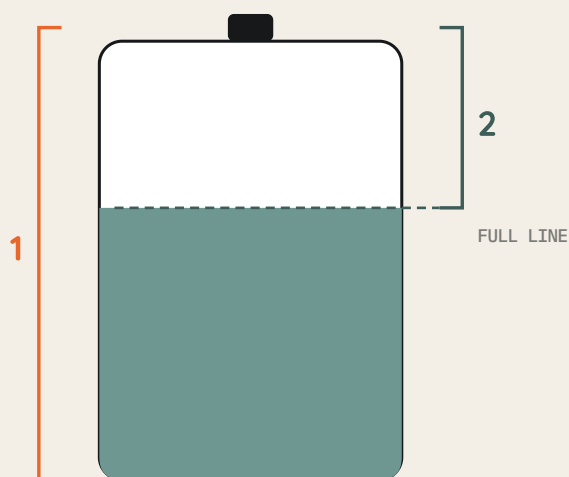
Hole of about 58 mm

Cut a 58 mm hole in the top of the tank, screw the sensor in, and plug in the power adapter.

WHERE TO PUT IT



TWO SETTINGS IN THE APP



1

Installation height

The distance from the sensor to the bottom of the tank. Up to 2.9 m. It can be more than the tank height if the sensor sits above the lid.

2

Sensor to full line

The distance from the sensor to the full level. At least 0.1 m: the sensor cannot read closer than that.

HIGH AND LOW LEVEL ALARMS

Hear about it before it runs dry.



Set a Max and a Min level.

Set Max for the full-level alarm and Set Min for the low-level alarm. Add a scene in the Tuya Smart app: when the level status changes, send a notification.

NOTIFY BY

Message Center
In the app

Message
Push notification

Phone call
Phone notification

SEVERAL TANKS, ONE APP

Every tank on one screen.

Put a WL-30 on each tank and watch them all from the app.

ALL DEVICES · EXAMPLE

	Roof tank Normal	72%
	Ground tank Normal	38%
	Diesel tank Low	9%

GOOD TO KNOW



Sleep mode

Turn on Sleep Switch and the sensor measures for 28 seconds every 2 minutes.



Share with family

Share the sensor to other phones from the app, so everyone sees the tank.



Status lights

Red: power. Green: on when Wi-Fi is connected. Blue: fast flash while connecting, slow flash when connected.



One-press reconnect

Press the button for 1 second to reconnect to Wi-Fi.

AT A GLANCE

Small sensor. Full picture.



Ultrasonic

No contact.



Tuya Wi-Fi

No hub needed.



10 cm – 2.9 m

Measuring range.



Alarms

High and low.



Water · oil

Any tank.



Many tanks

One app.

SPECIFICATIONS

Model	Spark WL-30	Alarms	High level · low level
Type	Ultrasonic liquid level sensor, no contact	Readings	Level %, depth, status, history
Network	Tuya Wi-Fi	Sleep mode	Measures 28 s every 2 min
App	Tuya Smart · Smart Life	Indicators	Red · green · blue LED
Measuring range	10 cm – 2.9 m	Mounting hole	About 58 mm
Blind zone	0.1 m	Thread	2¼ inch
Max. installation height	2.9 m	Height	43 mm · 28 mm thread
Liquids	Water and oil	Power	Plug-in adapter, included

IN THE BOX



1

Spark WL-30 sensor

With its power cable.

2

Plug-in power adapter

Plugs into a wall socket and powers the sensor.

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Before you start

The sensor and the phone must be on the same Wi-Fi when you add it in the app. Turn on Bluetooth on the phone too.

PART OF THE SPARK HOME

Check the tank from the same Tuya Smart app as your Spark switches, locks and panels.