

# Tibber Bridge



Easy-to-install smart device that keeps your home connected, efficient, and prepared for tomorrow's energy challenges. With Tibber's smart solutions, the Tibber Bridge helps you control your battery as cost-effectively as possible.

Tibber Bridge is a smart device that connects supported solar inverter and home battery to Tibber's cloud based energy management system, enabling real-time control and smart optimization via Tibber app.



## How does it work?

It combines local control with advanced cloud-based calculations and scheduling- delivering intelligent energy management as it happens.

### Plug & Play Setup

Easy onboarding with guided installation via Tibber App.

### Local Control Capabilities\*

Direct control in the local network with cloud access.

\*Premium feature available with a Tibber electricity contract

### Real-Time Monitoring

Live data stream from connected hybrid inverter.

### Auto-updates to stay current

Always up-to-date with secure OTA updates.

## Supported Hybrid inverters

- Solis S5 (S2-WL-ST dongle required)
- Solis S6 (S2-WL-ST dongle required)
- KOSTAL PLENTICORE
- KOSTAL PLENTICORE MP
- KOSTAL PLENTICORE plus
- Solax X1 Fit G4
- Solax X1 Hybrid G4
- SolaX X3 Hybrid G4
- SolaX X3 Hybrid G4 Pro
- SolaX X3 IES
- SolaX X3 Fit G4

Support for hybrid inverters is primarily intended for systems with connected batteries.

While operation without a battery is possible, functionality may currently be limited.

## Home Energy Management Systems

Connect up to 4 hybrid inverters via the cloud and control them in the Tibber app.

## Technical Specifications

Connectivity: Wi-Fi  
Protocols supported: Modbus TCP  
Frequency band: 863 - 870 MHz, 2400 - 2483,5 MHz  
Power supply: Internal  
Power usage: 0,5 W during pairing, 0,2 W during normal operation  
Input voltage (nominal): 230 VAC - 50 Hz  
Input voltage (range): 90 - 254 VAC  
Installation: Plug and Play socket  
Dimensions: 42 \* 42 \* 70 mm  
Temperature range: -20 °C to 50 °  
Certifications: CE  
Security: Encrypted data communication (TLS/SSL)  
Firmware updates: Remote Over-The-Air (OTA) updates  
Connected nodes: Up to 1 Pulse IR (Germany) and up to 3 Pulse CT.  
Standards:  
EN 62368-1:2014  
EN 301 489-01 V2.2.3  
EN 301 489-03 V2.1.1  
EN 301 489-17 V 3.2.4  
EN 300 220-2 V3.2.1  
EN 300 328 V2.2.2