



Intelligent PV geyser controller

with Smart Geyser Protection
& dedicated Solar/PV heating

What is Delta Max?

EASIWise **Delta Max** is a connected smart geyser control system that uses dedicated **PV Panels** to heat a geyser directly, reducing grid electricity reliance during usable solar periods. **Delta Max** is useful for homes that already have solar systems, allowing the geyser to be **powered from its own dedicated PV supply** instead of draining the home's main inverter and battery system.

Delta Max gives homeowners practical control over when the geyser heats, how it behaves, how much grid electricity it uses and when **available solar energy is used for heating**.

Setup is simple, with Wi-Fi connectivity, dashboard access and guided configuration. Through **easiSense**, **Delta Max** adds **AI-powered monitoring** to help detect abnormal heating behaviour, early wear, potential faults and inefficient energy use before they become bigger problems. **Delta Max** is compatible with any standard electric geyser system.



Delta Max can be installed with a **leak detector** and automatic water **shut-off valve** to reduce the risk of water damage



Delta Max comes standard with **Dedicated PV Panels** for direct Solar Geyser Heating



Wi-Fi connected with remote dashboard access



Programmable heating schedules



No hidden monthly subscription costs



Boost mode for heating outside scheduled times



Remote fault and leak notifications and early pre-failure warnings



Holiday Mode to stop heating while the homeowner is away



Usage visibility and control through the EASIWise remote access dashboard

What the Delta Max does

1. Uses **dedicated PV panels** to heat the geyser

Delta Max is designed to use **dedicated PV panels** for geyser heating. Instead of relying only on grid electricity, the system can use **available solar energy** to heat the water directly where conditions allow. This helps turn the geyser into practical **thermal storage**. When sunlight is available, **Delta Max** can convert that energy into stored hot water for later use.

This means the geyser does not need to drain the household battery bank or compete with essential loads on the main solar system during the day or during outages.

2. Controls **geyser heating cycles** remotely

Delta Max allows the homeowner to manage geyser heating through the **EASIWise dashboard**. Timers, schedules, Boost mode and Holiday Mode can be configured remotely, giving the homeowner better control over **hot water availability, solar use and grid electricity usage**.

Delta Max is not only a timer. It uses temperature state, schedules, system behaviour and available energy inputs to help **reduce unnecessary heating** and improve when energy is used.

3. Detects leaks **early**

The **Delta** connects to a leak detection sensor installed at the geyser or drip tray. If water is detected, the system can respond immediately instead of waiting for visible damage to appear in the home. **When a leak is detected, the Delta Max can automatically alert:**



The homeowner



EASIWise technicians



Insurance partner or claims support teams

This creates a faster response loop and gives all relevant parties better visibility from the moment a potential problem starts. **Delta Max** can be installed with an **automatic water shut-off valve**. The homeowner can also re-open the valve from the **EASIWise** dashboard once it is safe to restore water supply.

4. Thinks **intelligently**

The **Delta Max** is connected to **easiSense Logic**, allowing important events to be reported remotely. Leak alerts are the priority, but the system can also notify the homeowner, EASIWise technicians and insurance partners of other geyser-related fault conditions. **These include:**

- Leak detection events
- Over-temperature warnings
- Element fault indication
- Earth leakage fault indication
- Temperature sensor faults
- Abnormal heating behaviour

easiSense

The connectivity that enables remote access & updates and smart Logic.

