



RESIDENTIAL SYSTEMS

Reliable module level optimization and monitoring

Tigo's industry leading solar equipment increases energy output, enables module level visibility, and helps meet safety requirements to maximize the benefit of your PV installation.



Image courtesy Harmon Solar



TS4-A-O (Optimizer)

A module level optimizer that maximizes energy output of the array by mitigating the impacts of shade and mismatch on the string.



Tigo Access Point (TAP)

A wireless repeater that sends and receives data with up to 300 TS4 units.

RS485 Cable



Cloud Connect Advanced (CCA)

A data gateway that connects with Tigo TS4-A-O via the TAP. Inverters, meters, etc. may connect as well.

Benefits

More energy

Tigo optimizers get more energy out of your array. More energy = more savings.

Complete visibility

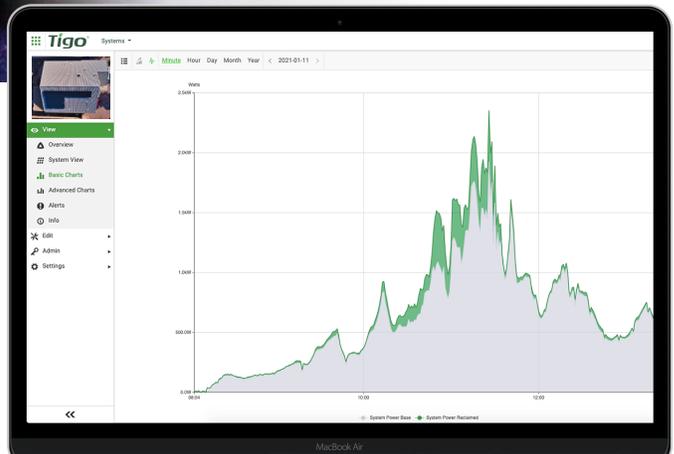
View module level performance - including the additional energy that optimizers enable with Tigo's Reclaimed Energy feature - in the Energy Intelligence platform.

Superior reliability

The lowest return rates in the industry and products that have delivered results for customers in harsh environments for over a decade.

Trusted

Tens of thousands PV systems around the world – from the North to the South Pole, with installation capacities ranging from <10 kW to >10 MW.



Tigo Energy Intelligence

The Tigo Energy Intelligence platform is the most powerful asset management solution for your PV system.

Get detailed visibility into module-level operations so you can assess performance characteristics, diagnose issues, and get peace of mind that your system is performing the way it was designed.

Contact us

<https://www.tigoenergy.com/contacts>

COMMERCIAL SYSTEMS

PV safe systems that protect your investment

Tigo's industry leading solar equipment meets safety requirements and delivers consistent returns for the lifetime of your renewable energy projects.



TS4-A-F or TS4-A-2F

Connects to the junction box of each module to reduce the voltage to <1V when initiated. The TS4-A-2F serves 2 modules while the TS4-A-F serves 1.



RSS Transmitter

An initiation device that sends a signal via PLC to the TS4-A-F / 2F. When the transmitter loses power, module level rapid shutdown is initiated.

Benefits

PV Safe

Tigo TS4-A-F and TS4-A-2F are UL certified equipment (PVRSE) and systems (PVRSS) to meet Rapid Shutdown requirements as part of the latest U.S. National Electrical Code.

Flexible

Choose from 200+ inverters across 20+ companies that have been UL PVRSS certified with Tigo rapid shutdown devices.

Simple and reliable

Tigo TS4's only take 10 seconds to install per module and require no ground wire, bolts or screws. The TS4 family of solutions has delivered in the harshest climates from the North Pole to the South Pole.



Look for Tigo Enhanced, get peace of mind

- Tigo Enhanced inverters have integrated RSS transmitters and have completed UL PVRSS certification
- They work seamlessly out of the box with Tigo TS4-A-F and TS4-A-2F
- See the full list here: <https://www.tigoenergy.com/ul-pvrss>

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