DARE TO BE DIFFERENT

Tigo Energy Intelligence (EI) Residential Solar Solution

The leader in Flex Module Level Power Electronics (MLPE) is proud to announce an all-new Inverter, Battery, and Automatic Transfer switch to enable fast, flexible, and dependable residential solar installations.

BENEFITS

The Tigo residential solar battery storage solution was designed based on analyzing >900TB of global solar data, >13 years of solar experience, and monitoring >1GWh of daily solar production.

FAST

More installations done in less time

- Each TS4 installs in ~10 seconds – no ground wire, bolts or wrenches
- Commission a complete system in <10 minutes
- Firmware updates after system commissioning (if needed)

FLEXIBLE

Scalable solutions for any home

- Choose your MLPE features: optimization, monitoring, and rapid shutdown
- Tigo EI storage solution can be AC or DC coupled for retrofit or new installations
- Modular battery pre-wired with common enclosure for inventory management

DEPENDABLE

Industry-leading warranties and support

- Longest warranties in the business
- Tigo support picks up the phone
- Site-specific support available directly through Tigo EI App
- Fleet management made simpler by Tigo Energy Intelligence

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Tigo®

A complete residential solar solution

EI Inverter

- 3.8, 7.6, 11.4kW options
- Battery storage ready hybrid string inverter

EI Battery

- 10 - 40kWh LFP battery
- Whole home or essential load backup

ATS

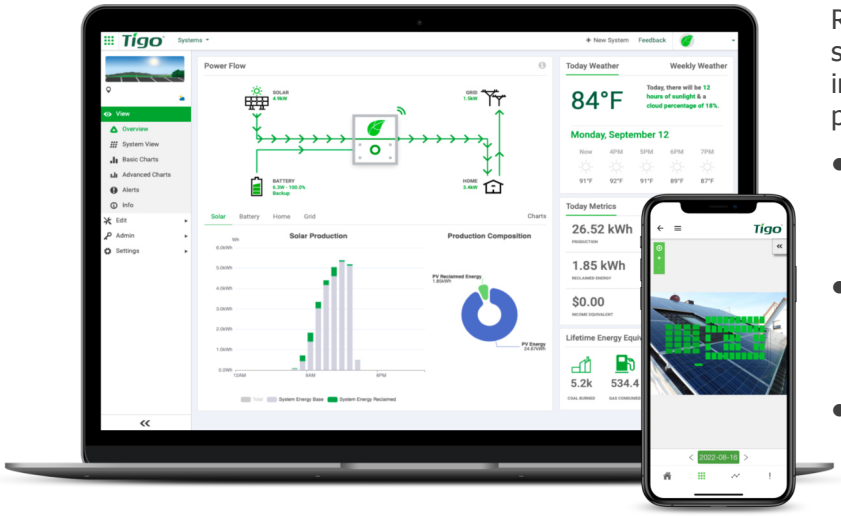
- 50 and 200A options
- Enables transfer to backup power

Tigo optimizers

- Maximize energy output
- Module-level monitoring
- Meet safety codes

Unified by the Tigo Energy Intelligence (EI) platform

The most powerful solar commissioning and monitoring solution available



Reduce truck rolls and get peace of mind that your systems are performing the way you designed and installed it. Benefits of the Tigo Energy Intelligence platform include:

- **Maximize site uptime** - Get real-time alerts when a performance or safety issue arises so the site can quickly be returned to normal. More uptime = more energy.
- **Minimize O&M cost**s - Detect system level, string level, and module level issues to pinpoint and diagnose issues remotely. Save money with fewer truck rolls.
- **Enhance the customer experience** - Get visibility to all sites from one spot with fleet, system, and module level performance data. Get more referrals with happier customers.
- **Commission it all in <10 minutes** with the Tigo EI App

ANDROID APP ON Google play

Download on the App Store

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Tigo®

Best-in-class features

EI Inverter

The Tigo EI Inverter is the centerpiece of the Tigo Energy Intelligence (EI) solution. It orchestrates energy production and the consumption (when coupled with the Tigo EI Battery) and seamlessly pairs with Tigo TS4 MLPE.

- Available in 3.8kW, 7.6kW and 11.4kW models
- Storage-ready 'hybrid' inverter
- Up to 200% DC oversizing (2:1 DC/AC ratio)
- 50V starting voltage
- Multiple MPPTs (3 and 4)
- Warranty: 152 months

EI Inverter

EI Battery

The Tigo EI Battery provides energy resilience in the event of grid outage and optimizes energy consumption based on rate plans for today's home energy needs.

- High performance Lithium Iron Phosphate (LFP) battery chemistry
- Support load shift, self consumption and backup applications
- 9.9kWh per enclosure - usable capacity 9.0kWh
- Up to 39.6kWh with 4 enclosures per inverter
- IP56/NEMA4 - outdoor and indoor rated
- 5kW continuous power with 6kW peak power
- Warranty: 132 months or 6,000 cycles

EI Battery

ATS (Automatic Transfer Switch)

The Tigo ATS is a necessary and required component for on-grid storage. It senses grid loss and safely switches from grid + solar/ battery to solar/battery only.

- Available in 50A and 200A models
- Output 120Vac and 240Vac split phase
- Built-in transformer
- IP65 - Outdoor and indoor rated
- Warranty: 132 months

Tigo ATS

Tigo optimizers

Tigo optimizers connect to your solar modules to unlock multiple benefits.

- Increased output - with module level optimization
- Lower maintenance costs - with module level visibility
- Enhanced safety - with module level rapid shutdown
- Works with modules up to 700W
- Warranty: 300 months

Tigo TS4-A-O

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Tigo is dedicated to your success

More customers

- Install more sites in less time
- Serve more sites with the same equipment (shaded, mixed orientations, large & small, etc.)
- Provide the solar features your solar customers want and get more referrals

Lower operational expenses

- Single solution from commissioning through monitoring
- Simplify inventory management with a modular battery system battery system
- Reduce truck rolls by remotely diagnosing issues

TRUSTED AROUND THE WORLD

Tigo Energy Intelligence monitors >1GWh of daily solar production

About Tigo

Tigo Energy is the worldwide leader in Flex MLPE (Module Level Power Electronics) with innovative solutions that increase solar energy production, decrease operating costs, and significantly enhance safety of solar energy systems. The Tigo TS4 platform maximizes the benefit of solar and provides customers with the most scalable, versatile, and reliable MLPE solution available. Tigo Energy is dedicated to making the best MLPE on earth so more people can enjoy the benefits of solar.

EI Residential

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