

# TS4-L



## Long Strings

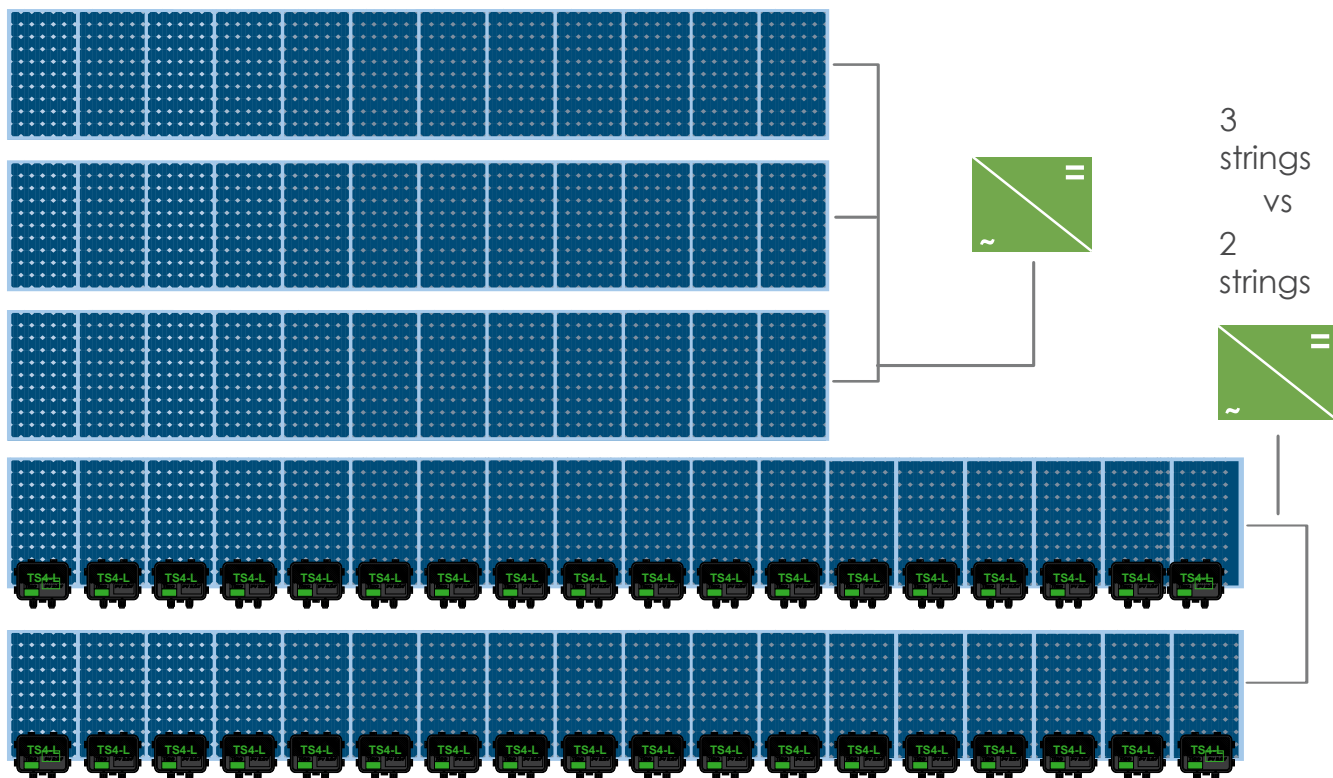
TS4-L is one of five functional covers that pairs with an integrated modular junction box base (TS4-B).

### Features

- String length increased by up to 30%
- Fewer BOS components
- Faster installation
- Lower wire-losses
- Inverter optimization
- Plus the benefits\* of Optimization:
  - Shade & age tolerance
  - Enhanced energy yield
  - Greater design flexibility
- Plus all the benefits of Safety:
  - NEC 690.12 Rapid Shutdown compliance\*
  - Module-level deactivation
  - Over-temperature protection
- Plus all the benefits of Monitoring:
  - Reduces O&M costs
  - Module bar code tracking
  - Fleet management

### Lower BOS costs by selectively deploying for different orientations and uneven strings.

- Fewer BOS components: longer strings means fewer combiners, fuses, and less cabling
- Reduce labor costs for installation
- Increase energy harvest by extending inverter production hours
- Uses Tigo Ultra High Definition (UHD) Core technology for superior performance





## Meet any projects' needs with the TS4 covers

Tigo has expanded its smart module platform to provide five levels of customization. TS4 increases your freedom of choice by allowing to select the right features for each project and budget.

### ELECTRICAL RATINGS

INPUT	
Rated DC Input Power	475W
Maximum Input Voltage @ Lowest Temperature	90V
Maximum Short Circuit Current ( $I_{sc}$ )	12A
Maximum $V_{oc}$ @ STC	75V
Minimum $V_{MP}$ @ STC	16V
OUTPUT	
Output Power Range	0 - 475W
Output Voltage Range	0 - $V_{MAX}$
Rapid Shutdown Capability (NEC 2014 690.12)	Yes
Impedance Matching Capability	Yes
Output Voltage Limit	Yes, factory-set
Maximum System Voltage	1500V
Maximum Series Fuse Rating	15A

Cloud Connect Advanced and Gateway required for rapid shutdown compliance.

#### For sales info:

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#### For product info:

Visit [www.tigoenergy.com/products](http://www.tigoenergy.com/products)

#### For technical info:

<http://support.tigoenergy.com>

For additional info and product selection assistance, use Tigo's online design tool at [www.tigoenergy.com/design](http://www.tigoenergy.com/design)



#### Read more about Tigo's solutions for:

##### Selective Deployment:

<http://bit.ly/2xm5ICB>

##### Different Orientations:

<http://bit.ly/2hnp4j5>

##### Uneven Strings:

<http://bit.ly/2fe87Hb>

