



TS4-A-S

PV Module Advanced Add-On

The TS4-A-S (Safety) is the advanced add-on module-level solution that brings safe and smart module functionality to standard PV modules for higher reliability. Ensure safety by adding safety features to new installations or by upgrading existing PV systems.

The TS4-A-S complies with NEC 2017 690.12 Rapid Shutdown specifications when installed on each module and accompanied by the Tigo Access Point (TAP) and the Cloud Connect Advanced (CCA). DC production data can be analyzed via Tigo's SMART Website or App when connected to the cloud.

The TS4-A-S with UHD-Core technology and expanded specifications supports PV modules up to 500W.

Included Features



Safety

Enhanced **safety** for NEC 690.12 rapid shutdown compliance



Monitoring

Module-level **monitoring** for energy production tracking and system management

Easy Installation

Snap to standard module frame or remove brackets for rack mounting

Smart Commissioning

Configure and commission with your Android or iOS mobile device

Rapid Shutdown

Secure your PV system with local shutdown for maintenance



TS4-A-S SPECIFICATIONS

Environmental

Operating Temperature Range	-40°C to +85°C (-40°F to +185°F)
Outdoor Rating	IP68, NEMA 3R

Mechanical

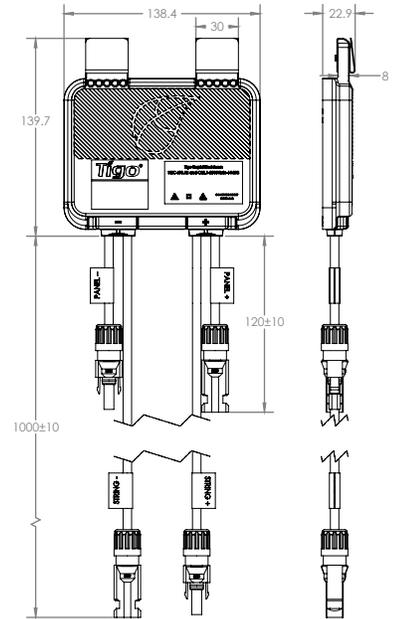
Dimensions	138.4mm x 139.7mm x 22.9mm
Weight	490g

Electrical

Voltage Range	16 - 90V
Maximum Current	15A
Maximum Power	500W
Output Cable Length	1.2m (standard)
Connectors	MC4 (standard)
Communication Type	Wireless

Rapid Shutdown UL Listed (NEC 2014 & 2017 690.12) Yes

Cloud Connect Advanced (CCA) is required for monitoring and TAP is required for rapid shutdown with TS4-A-S.



ORDERING INFORMATION

Standard

456-00252-32 1500V UL / 1000V TÜV, 1.2m cable, MC4

Options

456-00257-12 1000V UL / TÜV, 1.2m cable, MC4 comparable

456-00261-32 1500V UL / TÜV, 1.2m cable, EVO2

456-00263-12 1500V UL / TÜV, 1.2m cable, EVO comparable

For sales info:

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For product info:

Visit tigoenergy.com/products

For technical info:

Visit support.tigoenergy.com



For additional info and product selection assistance, use Tigo's online design tool at tigoenergy.com/design

