



TS4-A-O-DUO

PV Module Advanced Add-On

The TS4-A-O-Duo (Optimization) is the advanced add-on optimization solution that brings smart module functionality to standard PV modules for higher reliability. Improve energy efficiency by upgrading underperforming PV systems or adding smart features to new installations.

The TS4-A-O-Duo with UHD-Core technology and expanded specifications supports two PV modules connected in series with a combined power of up to 700W.

Included Features



Optimization for increased energy yield and greater design flexibility



Manual or automatic **shutdown**



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



TS4-A-O-DUO SPECIFICATIONS

Environmental

Operating Temperature Range	-40°C to +85°C (-40°F to +185°F)
Outdoor Rating	IP68
Maximum Elevation	2000m

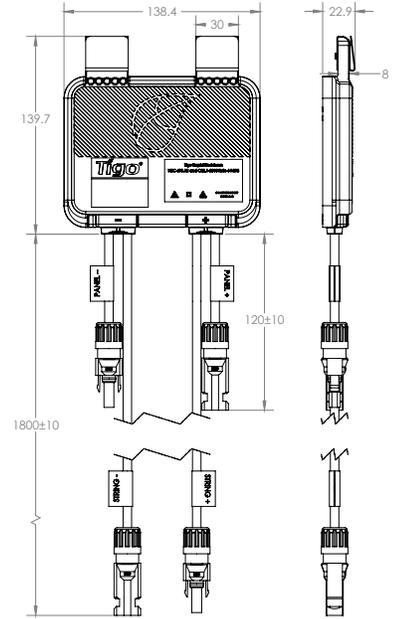
Mechanical

Dimensions	138.4mm x 139.7mm x 22.9mm
Weight	560g

Electrical

Total Max Input Voltage (V _{oc} @ Lowest Temperature)	90V
Voltage Range	16 - 90V
Maximum Current	12A
Maximum Power	700W
Output Cable Length	1.8m (standard)
Connectors	MC4 (standard)
Communication Type	Wireless

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



ORDERING INFORMATION

Standard

452-00252-12 1000V UL / TÜV, 1.8m cable, MC4

Options

452-00257-00 1000V UL / TÜV, 1.8m cable, MC4 comparable

452-00261-12 1500V UL / TÜV, 1.8m cable, EVO2

For sales info:

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For product info:

Visit tigoenergy.com/products

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