

TIGO

RESIDENTIAL POWER OPTIMISERS

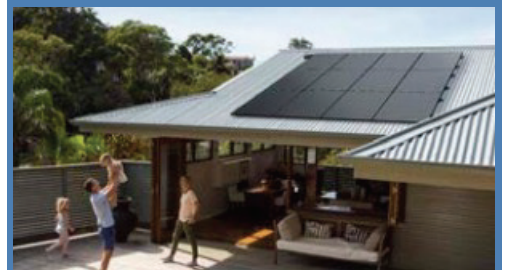
Tigo Access Point (TAP)



The Tigo Access Point (TAP) improves the data management of your solar array by wirelessly communicating with Tigo smart modules and retrofit devices. TAP also greatly improves safety with module-level deactivation. When paired with a Cloud Connect Advanced (CCA), the TAP provides unparalleled visibility into your solar installation.

- Wireless communication with Tigo TS4 devices
- Provide grid status to TS4 MLPE for rapid shutdown UL compliance
- Connects to Tigo Cloud Connect Advanced (CCA) via RS485 cable
- For use with TS4-A-O
- Connects to up to 300 TS4 units*
- Wireless mesh communication
- High definition sampling rate
- Scalable architecture

How you benefit:



HIGH EFFICIENCY

Mounts easily on module frame without tools.



FLEXIBLE DESIGN

Tap enables module-level monitoring – full visibility into module - and system-level production.



SAFE OPERATION

The Tigo system comprising the TAP allows for automatic panel-level voltage shutdown feature for installer.



INNOVATIVE

Monitoring, rapid shutdown, and remote troubleshooting with TAP and CCA.



SOLAHART WARRANTY

Enjoy a 5-year warranty, for peace of mind.

TECHNICAL DATA

Electrical Specifications

Input voltage range	5V _{DC} - 25V _{DC}
Consumption	0.5W average, 1W peak
Recommended cable type	RS485, 18-22AWG

Mechanical Specifications

Dimensions	126.2mm x 130.0mm x 26.8mm (with bracket)
Weight	227g
Operating temperature range	-30°C to +70°C
Environmental rating	IP68, Type 4R

Range and Capacity

Maximum distance from TAP to closest TS4	10m
Maximum distance from TAP to farthest TS4	35m
Total TS4 units supported*	Up to 300

Ordering Options

Item #	Description
158-00000-02	TAP, standalone

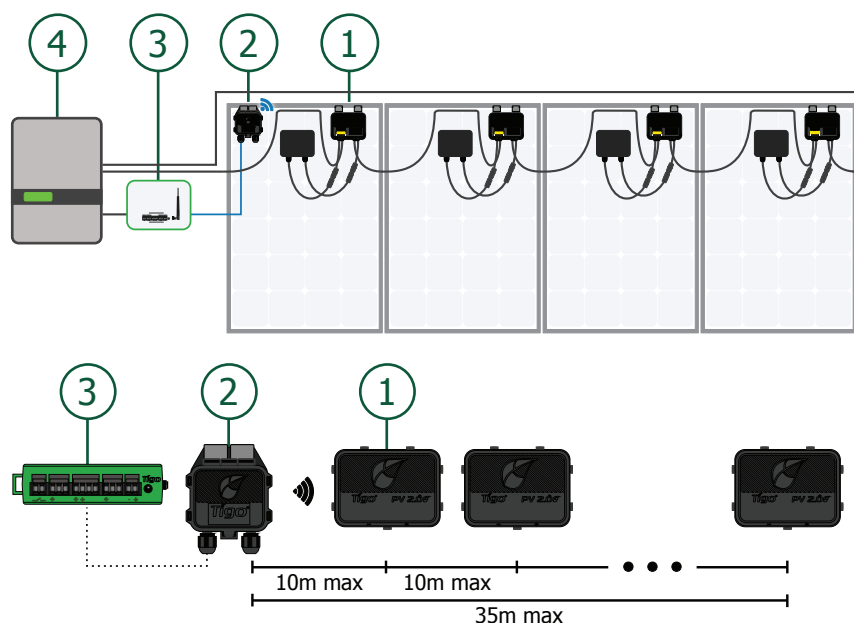
System Components and Spacing

1. Modules equipped with Tigo MLPE
2. Tigo Access Point (TAP)
3. Tigo Cloud Connect Advanced (CCA)
4. Inverter

*environmental conditions can impact the number of units supported

⁽¹⁾ 5 year warranty applies when optimisers are installed as part of a monitored system.
Refer Solahart Warranty for details of the product warranty and Solahart Owner's Guide & Installation Instructions for installation details.

Resources



Photovoltaic Rapid
Shutdown System
Equipment, Q1JW2

Specifications and designs included in this data sheet are subject to change without notice.

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Reorder code: SHDS/PV_TIGO_TAP

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