

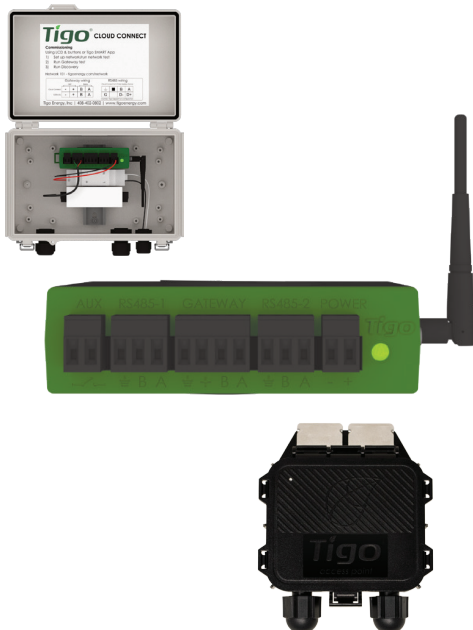
SOLAR POWER SYSTEMS



TIGO

RESIDENTIAL POWER OPTIMISERS

Data logger/gateway, Tigo Access Point (TAP), power supply, and outdoor enclosure



The Cloud Connect Advanced (CCA) is a compact, powerful data logging and communications gateway that powers the monitoring and safety capabilities of Tigo TS4 module level power electronics (MLPE).

CCA Kit options provide all the components needed for communicating between inverters, TAPs, TS4s, and the Tigo Energy Intelligence platform.

CCA

- Collects data from up to 900 TS4s via up to seven TAPs
- Connects to wired and wireless networks
- Includes a multifunction LED status indicator
- Configured and commissioned with the Tigo Energy Intelligence (EI) app
- Monitors 3rd-party devices via Modbus

TAP

- Collects data from up to 300 TS4s
- Wireless mesh communication
- Scalable architecture
- Mounts easily on module frames without tools

Power Supplies/Outdoor Enclosure

- Outlet and DIN rail power-supply options
- Compact, DIN rail design
- IP67, NEMA 4 rated enclosure.

How you benefit:



HIGH EFFICIENCY

One CCA Kit can cover up to 300 optimisers.



FLEXIBLE DESIGN

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



SAFE OPERATION

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

Specifications (CCA Kit: P/N 348-00000-52)

CCA

Operating temperature range	-20 – 85°C
Maximum altitude	3000m
Cooling	Natural convection
Input voltage	10 – 25V _{DC}
Power consumption (up to 7 TAPs)	3 – 15W
Dimensions (W/D/H)	31 x 115.5 x 71.5mm
Weight	126g

TAP

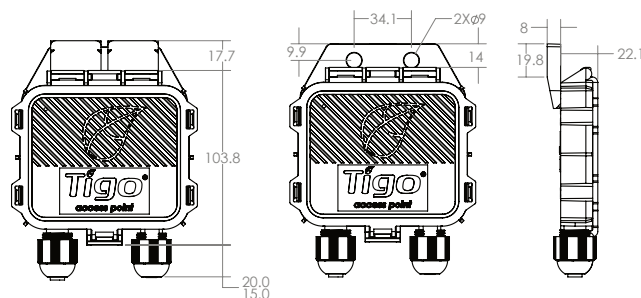
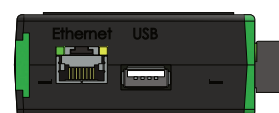
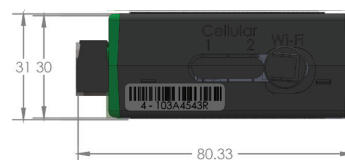
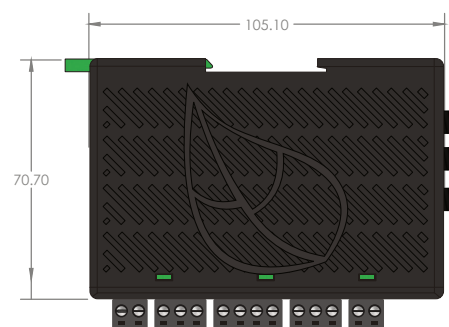
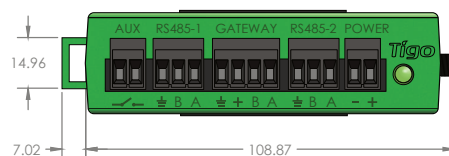
Operating temperature range	-20 – 85°C
Environmental rating	IP68/NEMA 4X

Power Supplies/Outdoor Enclosure

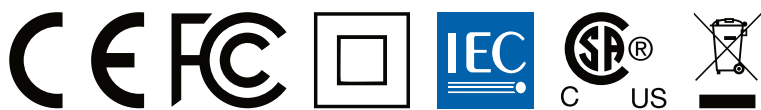
Operating temperature range	-20 – 70°C
Input voltage	50/60Hz, 100 – 240V _{DC}
Dimensions (W/D/H)	203 x 115 x 278.4mm
Weight (w/CCA and power supply)	1.1kg
Environmental rating	IP67/NEMA 4X

Refer Solahart Warranty for details of the product warranty and Solahart Owner's Guide & Installation Instructions for installation details.

⁽¹⁾ 5 year warranty applies when optimisers are installed as part of a monitored system.



Resources



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

Solahart Australia 1300 769 475 | solahart.com.au

Reorder code: SHDS/PV_TIGO_CCA

ir5082 Tigo CCA Kits_v4_July2023