

YC500A Dual Module Micro Inverter by APSystems



Price: CAD \$299.00

SKU: APSYC500A

Product Categories: [Grid-Tie : Micro Inverters](#), [Inverters](#), [Shop](#)

Product Tags: [250W](#), [500w](#), [apsystems canada](#), [apsystems yc500a](#), [canada](#), [dual module](#), [dual mppt](#), [micro inverter](#), [microinverter](#), [two modules](#), [yc500a](#), [yc500a canada](#), [yc500a micro inverter](#)

Product Page:

<https://www.modernoutpost.com/product/yc500a-dual-module-micro-inverter-by-apsystems/>

Product Summary

The YC500A Dual Module Micro Inverter by APSystems is a grid-tied microinverter with intelligent networking and monitoring systems to ensure maximum efficiency. Highly dependable and cost effective, the YC500A can accommodate PV modules up to 365W with dual MPPT but is ideally suited for modules from 280 to 310W. Half the inverters and half the installation means real cost savings.

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Who Is APSystems?

APsystems is a fast-growing brand of micro-inverters, currently no.2 worldwide! Their micro-inverters have gained a reputation as extremely reliable, and because no expensive trunk cable is needed with this YC500A model, the overall system cost is lower than with other micro-inverter brands. Monitoring, with APs' gateway, is provided through Web or smartphone.

What's The Attraction?

The YC500A micro-inverter handles two PV modules simultaneously with dual MPPT inputs. Simply click the panel wires into the unit, and extend the built-in trunk cable to the next micro-inverter. Up to 14 solar modules (7x YC500s) can be installed in a string with a single 20A breaker.

Because the units provide module-level ground-fault protection, rapid shutdown requirements are built-in. This makes installations faster, cheaper, and much better looking!

YC500A Features

- Maximizes energy production - Minimizes impact of shading, dust, and debris
- Recommended for up to two 320 watt 60-cell or 72-cell modules - No single point of system failure - No DC design or string calculation required - Maximum power output 500 Watt (from two PV modules) - Up to 7 units (14 PV modules) per string - Standard warranty of 10 years, with 25-year extension optional - Operating temperature range of -40C to +65C! - cUL listed for Canada

YC500A Specifications

Model : YC500A

Output power : 500 Watt

AC Voltage : 208 Volt single-phase, 240 Volt split-phase

MPPT Channels : 2

Max. Voltage : 55 Volt

MPPT Voltage range : 22 - 45 Volt

Efficiency : 95.0%

Ground-fault (GFCI) : Yes

Temperature range : -40C through +65C

Enclosure : NEMA 6

Dimensions : 22.1 x 16.7 x 2.9cm / 8.7 x 6.6 x 1.14"

Weight : 2.5 kg (5.5 lbs)

Warranty : 10 Years

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 1.4 kg