

YC600Y Micro Inverter by APSystems



Price: CAD \$299.00

SKU: APSYC600

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

Product Tags: [600w](#), [ap systems yc600](#), [apsystems](#), [apsystems yc600](#), [canada](#), [dual input](#), [dual module](#), [dual mppt](#), [micro inverter](#), [microinverter](#), [yc600](#), [yc600 canada](#), [yc600y](#)

Product Page:

<https://www.modernoutpost.com/product/yc600y-micro-inverter-by-apsystems/>

Product Summary

YC600Y Micro Inverter by APSystems. Groundbreaking design and features place the YC600 at the pinnacle of microinverter technology. A single-phase, smart grid-compliant microinverter, the YC600 serves two modules with dual, independent MPPT. Zigbee wireless communication over a mesh network offers faster data speeds than PLC and a wider MPPT voltage range results in a greater energy harvest for homeowners.

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A true utility-interactive microinverter with Reactive Power Control (RPC) technology, the YC600 meets CA Rule 21 requirements and is inherently NEC 2014/2017 Rapid Shutdown compliant. The unit also builds on the successful APsystems line of multi-module microinverters, simplifying installation and reducing logistics costs.

- Dual-module microinverter with independent MPPT - Utility-interactive with Reactive Power Control (RPC) - CA Rule 21 compliant - Continuous power of 274VA per channel, 300VA peak - Accommodates modules from 250-365W+ - Wide MPPT voltage range (22V-45V) - Meets NEC 2014/2017 690.12 Rapid Shutdown requirements - ZigBee communication & free monitoring

APSystems YC600 Specifications...

INPUT DATA (DC)

Module Compatibility 60 & 72 Cell PV Modules

MPPT Voltage Range 22V-48V

Operation Voltage Range 16V-55V

Maximum Input Voltage 60V

Maximum Input Current 12A x 2

Maximum Total PV Array Short Circuit Current 15A

OUTPUT DATA (AC) 240V

Maximum Continuous Output Power 548VA

Peak Output Power 600VA

Nominal Output Voltage 240V

Nominal Output Current 2.28A

Nominal Output Frequency 60Hz

Adjustable Output Voltage Range 211-264V

Adjustable Output Frequency Range 59.3 - 60.5Hz

Power Factor (Adjustable) 0.8 leading...0.8 lagging

Total Harmonic Distortion <3%

Maximum Units per Branch 7 (14 PV modules)

EFFICIENCY

Peak Efficiency 96.7%

CEC Weighted Efficiency 96.5%

Nominal MPPT Efficiency 99.5%

Night Power Consumption 60mW

[Download the full spec sheet\]](#)

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 1.9 kg