HotSpot Energy, Inc.
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# ACDCX
# Asymmetric Inverter

Runs A/C Loads Directly From Solar. Without Batteries. Uses Grid, if Available, as Backup.


## 1.25 kW / 240v / 60 Hz

The ACDCX is essentially a 4-channel/4x MPPT microinverter with a one-way AC grid tie and smart AC power pass-through. It uses all available solar-derived AC power as primary power, and blends in any needed extra AC power from the main panel (utility power) as secondary power. ACDCX has MC4 connections for connecting to 4 standard 72 cell solar panels. Max continuous output from solar is 1.25 kW. Max total, including from grid, is 20a continuous, w/ 35a starting surge when grid connected.

- Δ Connect 4 72-Cell Panels (300w-380w) to the ACDCX
- Δ Connect 240v Circuit to ACDCX
- Δ AC Load Uses Solar Power First
- Δ Any Additional Power, if Needed, Comes From 240v Circuit
- Δ No Solar Power Ever Exported
- Δ No Net-Metering, No Special Meter
- Δ An 8-Panel 2.5 kW Version Is Available

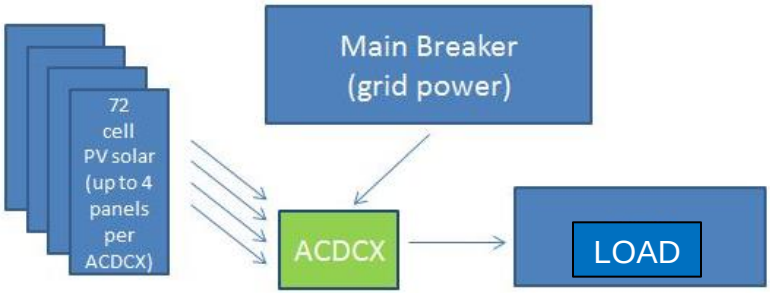
## Works With or Without Grid Connection

If available solar power can meet the load, the load can run normally. Note, if grid power is not available and solar cannot meet the load, the ACDCX will trip offline and will try to restart periodically.

## Convert Any Air Conditioner To Solar AC

Essentially the same technology we have used for years in our ACDC12B Solar Air Conditioner, we now offer the “AC-DC Hybrid Solar” features for use with any 240v load, an air conditioner, or otherwise.

**Operate Air Conditioner or Other Loads with Solar Power Only, Grid Power Only, or Combined Solar and Grid. Unlike a normal grid-tied solar inverter, ACDCX can provide AC power during utility power outages.**




**Asymmetric:** No power ever sent to the grid. No net-metering agreement or special meter needed. One-Way grid connection allows ACDCX to pull but not export power.

MPPT for each PV panel.
MC4 Plug-N-Play.

Specs subject to change without notice.

Power Connections
4x MC4 Connections (MPPT Solar)
1x 240v to Load or Sub-Panel
1x 240v from Utility (Main Breaker Panel)
Max 20a Total Continuous Load (Solar + Grid)

UL1741 and IEEE1547 (E113426), CSA107.1, FCC Part 15 Class A
Outdoor Rated – NEMA 6 (IP67)
(GFDI) Built-In. MET Listed