

AC CTA-2045 Cellular EcoPort Module

Low-Cost Cellular Connectivity Via CTA-2045

- Finely tuned internal antenna
- External antenna option
- Maintains internal 24/7 TOU Schedule
- CTA 2045-B Level 2 EcoPort Certified
 - Two levels of Load Up
 - Three levels of Shed
 - Override capability
 - Instantaneous Power/Capacity tracking

Plug and Play

Pre-scanned IMEI automatically assigns to correct utility program



DERMS, REST API, or OpenADR 2.0b

- Use SkyCentrics DREAM platform with fleet management and grid services
- Integrate into other DERMS, mobile apps or applications via the SkyCentrics REST API
- Integrate with SkyCentrics certified OpenADR 2.0b VEN in the cloud, then connect to utility VTN
- FLEX App or web form available to sign up to programs

Certifications:

FCC Certified

• Complies with Part 15 of FCC Rules (RF devices)

UL Certified

 Conforms to UL Standard 916 (energy management equipment)

Security:

- TLS/SSL device to cloud
- VPN from cellular carrier to SkyCentrics cloud

CTA-2045 Ecosystem:

- Over 300 models of water heater from all major brands
 - AO Smith
 - Rheem
 - Bradford White
 - Rinnai
- Pentair Pool Pump Controllers
- Mitsubishi Mini-Splits
- Siemens EV Chargers
- Commercial Heat Pump Boilers, HVAC Systems, and Thermostats

DREAM Platform:

The Cellular EcoPort module provides access to the SkyCentrics DREAM Platform, the all-in-one solution for program for:

Program Implementers

- Create a program at the touch of a button
- Customize incentive structure, program eligibility, and terms and conditions
- Detailed dashboards provide real-time access to fleet performance

Smart Grid Device Owners

 SkyCentrics FLEX app provides easy program enrollment, device verification, and incentive disbursement for newly-installed and existing Smart Grid Devices

Trade Ally Network Members

- Enroll in new programs as they are created
- Connect with customer at time of installation
- Track historical incentives and installations

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