

ARA CTA-2045 Module



The ARA CTA-2045 universal communication module (UCM) is compatible with EPRI's CTA-2045 standard, enabling it for use with any original equipment manufacturer's product that includes a corresponding UCM port. Cloud connectivity is achieved using LTE cellular technology. All within a compact and durable enclosure, the ARA CTA-2045 module enables utility end customers to make their compatible devices smart grid ready without plumbing or electrical modification.

COMMUNICATION

- LTE Cellular
 - No reliance on customer WiFi
- Over-the-air firmware updates
- Device management built on
- AWS IoT Infrastructure
- Demand Response Management System (DRMS) integration ready
- Available API for 3rd parties

INSTALLATION

- < 5-minute install time
- Electrician not required
- No plumbing modifications
- Auto-connect upon installation

KEY FEATURES

- Integrated control
- Smart grid ready
- Cloud connectivity

UTILITY FEATURES

- End-point grid voltage and frequency monitoring
- Cloud monitoring platform
- White labeled for program specific branding

OTHER FEATURES

- Water heater health monitoring
- Alert building maintenance to necessary repairs

FEATURE	SPECIFICATIONS
POWER CONSUMPTION:	<1W
ELETRICAL INPUT:	120-240 VAC, 50/60Hz
DIMENSIONS, L X W X H - IN (MM):	4.8" x 2.9" x 1.4"
WEIGHT - OZ (LB):	6 (0.375)
CERTIFICATIONS:	UL Listed: US and Canada FCC/IC certified

Generac Power Systems, Inc.
S45 W29290 Hwy. 59, Waukesha, WI 53189

www.Generac.com | 888-GENERAC (436-3722)

CTA-2045 REV B

©2021 Generac Power Systems. All rights reserved.
Specifications are subject to change without notice.

GENERAC[®]