

# RCP2 Instructions (Remote City Power 2)



**Description:** The RCP2 (Remote City Power 2) is a sensor that allows monitoring the presence of voltage (grid/city power) of a circuit through the I/O ports of a remote environmental or power + environmental monitor. When voltage drops to zero, the monitored I/O reading will drop below 10. An approved AC adapter will need to be used to power the RCP2.

## Specifications

### AC Adapter

US: input: 100-240VAC 50/60Hz  
output: 6VDC



RCP2-US  
Part# 12069

UK: input: 100-240VAC 50/60Hz  
output: 6VDC



RCP2-UK  
Part# 12070

Universal: input: 100-240VAC 50/60Hz  
output: 6VDC

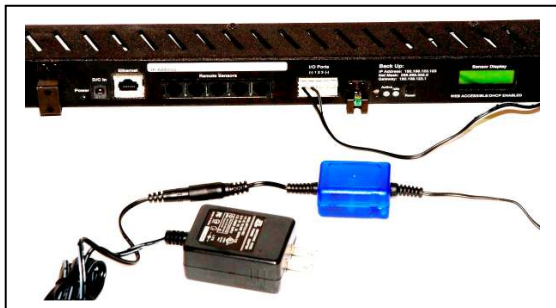


RCP2-UN  
Part# 12071

### RCP2

Input Voltage: 4.5-6VDC  
Output Voltage: 3.4-5VDC

## Installation Guidelines



- Plug in approved AC adapter in desired location, do not plug into RCP2 yet.
- Route wire and connect to I/O port on remote monitoring unit. Solid black wire connects to Common (-), striped black wire connects to desired Input (1, 2, or 3).
- Plug in approved AC adapter into RCP2.
- Test sensor with remote monitoring unit. With the RCP2 plugged in, the I/O reading will read >50. When the RCP2 comes unplugged or the circuit loses power this value will drop below 10.
- Rename sensor on 'Display' page of remote monitoring unit for easy identification. Complete this step before installing additional sensors.
- Analyze data over a period of time to determine steady state conditions and set alarms accordingly.

## Installation Notes

- In order to monitor power loss of 'grid supplied' power, the RCP2 must be connected directly to that power source **BEFORE** any UPS systems such that it can detect the loss of such power.
- In order for the signal from the RCP2 to be monitored and reported during a power loss, the remote monitoring unit itself as well as any switches or routers within the data path of the unit **MUST** be backed up by UPS power. If any of these units lose power during a power outage, the appropriate remote alarm reporting cannot take place.
- During initial setup, the RCP2 will have one LED turn on and one will flash for approximately 35 seconds. After that time a third LED will turn on and the flashing LED will stay solid, indicating that the sensor is ready.