Transmitter

This Transmitter has 3 inputs that are aggregated into a single value. Additional OWL Sensors can be purchased to allow use on a 3 phase system where visibility of the individual phase consumption is not important (see OWL Intuition-lc if it is important)

Domestic Loads

Utility Meter

Alternative Sensor Location

Electricity Grid

Fuse Box / Consumer Unit
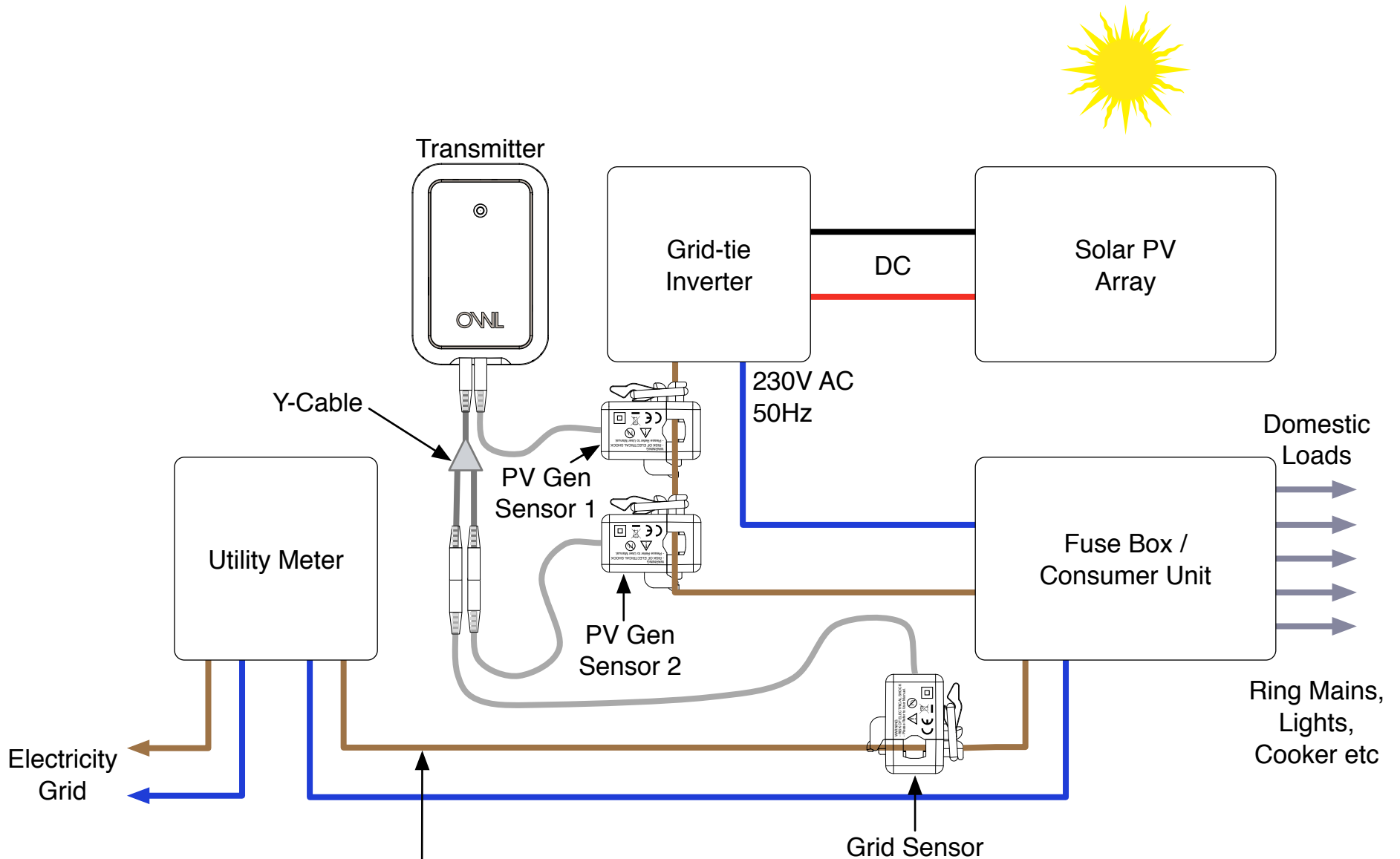
Ring Mains, Lights, Cooker etc

Sensor

Normal Convention with Live cable to Consumer Unit being the right most cable connected to the Meter (Brown or Red normally covered with Grey sheath)

OWL Intuition-e

Grid-tie Inverter

DC

Solar PV Array

Transmitter

OWL

230V AC 50Hz

PV Generation Sensor

Utility Meter

Fuse Box / Consumer Unit

Domestic Loads

Electricity Grid

Henley Junction Block

Consumption Sensor

Ring Mains, Lights, Cooker etc

Normal Convention with Live cable to Consumer Unit being the right most cable connected to the Meter (Brown or Red normally covered with Grey sheath)

Type 1 - OWL Intuition-pv

Transmitter

OWL

Grid-tie Inverter

DC

Solar PV Array

Y-Cable

PV Gen Sensor 1

230V AC 50Hz

Domestic Loads

Utility Meter

PV Gen Sensor 2

Fuse Box / Consumer Unit

Grid Sensor

Ring Mains, Lights, Cooker etc

Electricity Grid

Normal Convention with Live cable to Consumer Unit being the right most cable connected to the Meter (Brown or Red normally covered with Grey sheath)

Type 2 - OWL Intuition-pv (Y-Cable Pack Required)

# Industrial Loads

# Ring Mains, Lights, Machines etc

## Fuse Box / Distribution Board

## Transmitter

P1 / L1 Sensor

P2 / L2 Sensor

P3 / L3 Sensor

OWL

| Neutral | P1 / L1 | P2 / L2 | P3 / L3 |
|---------|---------|---------|---------|
| Blue | Brown | Black | Grey |

## Utility Meter

Alternative Sensor Locations

# Electricity Grid

# OWL Intuition-lc