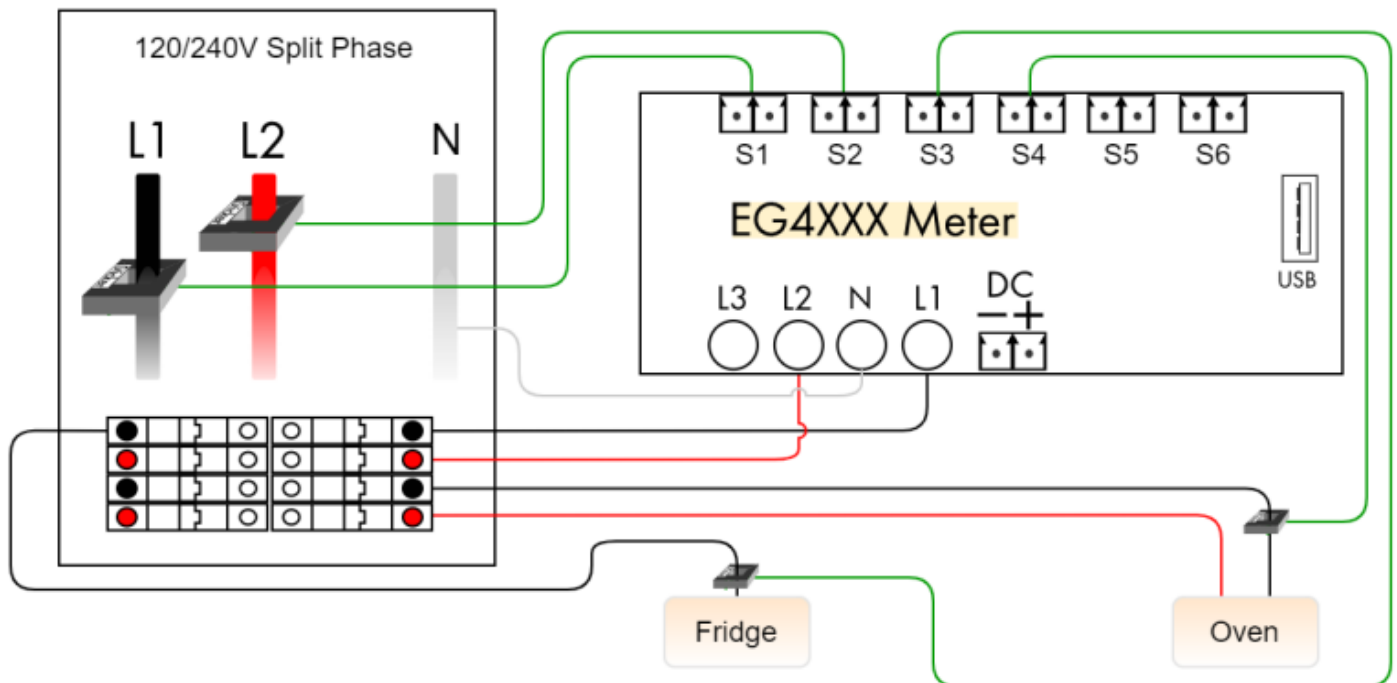


# Appliances

This example illustrates how to configure 120Vac (single pole) and 240Vac (two pole) appliances.



## Registers:

Registers (3 of 64 in use):

Name:	Recorded value/formula:	
Grid	$\times = P \times S1 \times L1 + S2 \times L2 \times$	Add Component
Fridge	$\times = P \times S3 \times L1 \times$	Add Component
Oven	$\times = P \times S4 \times L1 + -S4 \times L2 \times$	Add Component
Add Register		

Totals and Virtual Registers:

Usage	$= + \downarrow \text{Grid} \times$	Add Register
Generation	$=$	Add Register
Battery	$=$	Add Register
Battery left	$=$	Add Register
Add Virtual Register		

## Notes:

- Registers defined for appliances do not appear in the totaling rules. Just defining the registers will make them appear in the appropriate places (e.g., in the legend of the dashboard graph).

- A single CT is sufficient both for 120Vac and pure 240Vac appliances. 240Vac appliances with asymmetric currents on the two legs (i.e., with a non-zero current on Neutral) require separate CTs per leg/phase.
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Please visit [kb.egauge.net](http://kb.egauge.net) for the most up-to-date documentation.