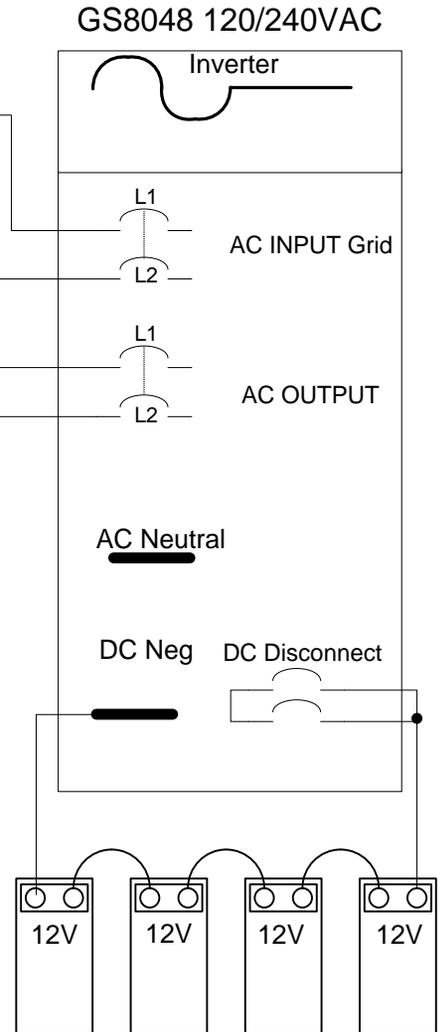


This metering configuration illustrates the connection and energy flow of two Form 2S kilowatt-hour meters configured as renewable energy production meters installed on a single 120/240VAC Radian inverter system. The production meter A will register and count energy when there is solar energy flowing from the DC side of the inverter to the loads. When solar production exceeds demand on the 100A sub-panel, then that excess renewable energy flows out production meter B to the grid. While it's also possible for power to flow from the grid to the sub-panel loads, the current flow in the C direction subtracts that energy from the B production meter so when the A and B meters are added together, any power taken from the grid that is added to meter A is also subtracted from meter B. Therefore the net renewable production equation can be expressed as: **Total Renewable Production = A + C - B**



DRAWN: MAM 9/25/15
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TITLE: 120/240VAC GS8048: Twin 2S KWH meter arrangement for renewable production metering.

SIZE	DRAWING NO.	Rev 3
PAGE 1 of 1		

NOTE: This drawing is intended as an application guideline only and does not show all necessary OCPD, ground or system components. Always check with your Authority Having Jurisdiction before installation.