

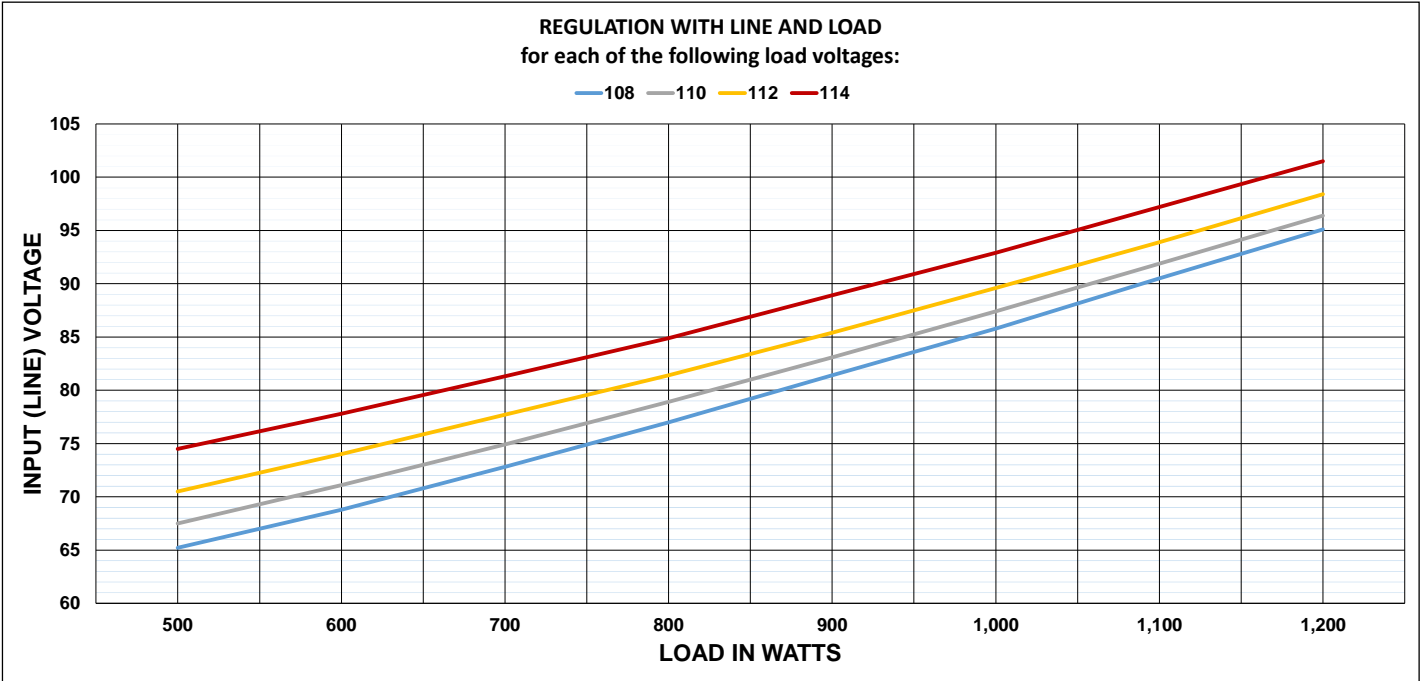


GENERAL TRANSFORMER CORPORATION LINE CONDITIONER DATA SHEET

GTC Model #	45-60-1200-1	Rev.	01
Rated Load	1200 watts		
Nominal Input Voltage	120 volts		
Nominal Output Voltage	120 volts		

The first chart below shows regulation with both line and load for four different minimum load voltages. Select the curve corresponding to the minimum voltage acceptable for your loads. Unless otherwise specified, most nominal 120 volt loads are designed to function well at 108 volts or more, so the 108 volt curve should generally be selected. Find the maximum load power required on the horizontal axis, go up to the appropriate output voltage curve (108 for example), and then left to the vertical axis to find the minimum input (line) voltage at which regulation will be maintained.

For example, assume a 1000 watt load and a 108 volt minimum load voltage. Minimum input (line) voltage is 85.8 volts.



The second chart, below, shows line conditioner efficiency at various load magnitudes and nominal input voltage. For example, efficiency with a 1000 watt load will be approximately 90.2%.

