

Note

As requested by the customer, this model 5900 power supply was modified to go down to 1Hz output frequency. As a result, when the output frequency goes down, the output voltage will have to go down in order to avoid the output transformer being saturated. The following chart shows the maximum output voltage vs. the output frequency.

Maximum Output Voltage vs. Frequency		
Frequency	Maximum Volts from 130V Winding <i>115</i>	Maximum Volts from 130V Winding <i>230</i>
3Hz	12V rms.	25V rms.
4Hz	17V rms.	36V rms.
6Hz	24V rms.	50V rms.
9Hz	35V rms.	80V rms.
11Hz	50V rms.	93V rms.
14Hz	60V rms.	129V rms.
15Hz	70V rms.	141V rms.
17Hz	80V rms.	157V rms.
19Hz	90V rms.	181V rms.
21Hz	100V rms.	197V rms.
24Hz	110V rms.	227V rms.
26Hz	115V rms.	249V rms.
28Hz and Above	130V rms.	259V rms.