

## CALIFORNIA INSTRUMENTS TC SERIES

### Behlman-Invar 501TC AC Power Source

The 501TC provides 500 VA at 0 to 135 and 0 to 270 Vrms output with power factor of unity to  $\pm 0.7$ . Full power frequency response from 45 Hz to 5 kHz. Plug-in Oscillators sold separately.



Model Number	Description	Number of Phases	Frequency Range	Initial Frequency	Voltage Range
FBBEI800T3	Variable Oscillator	3	40 Hz to 5 kHz	—	—
FBBEI847T1	Programmable Oscillator	1	45/999.9 Hz	60 Hz	270 V
FBBEI847T1-2-2-2	Programmable Oscillator	1	45/999.9 Hz	60 Hz	270 V
FBBEI847T1-3110	Programmable Oscillator	1	45/999.9 Hz	60 Hz	—
FBBEI848TCM	AC Power Controller	1	45/5000 Hz	—	270 V
FBBEI848TCM1-4-2-2	AC Power Controller	1	5 kHz	60 Hz	270 V
FBBEI855T1	Precision Oscillator	1	Switchable	—	—



### Behlman-Invar 1501TC AC Power Source

The Model 1501TC Power Amplifier is a solid-state, high performance, low distortion power source that provides up to 1500 VA at 130 to 110V rms output when used with the proper plug-in oscillator (sold separately). Full power output is available in four different voltage ranges (depending on configuration) and over the frequency range from 45 Hz to 5 kHz. Two phase and three phase operation may be obtained by combining power amplifiers with applicable multi-phase oscillators (call for pricing and availability).



### Behlman-Invar 1751TC/3204 AC Power Source

Provides output voltage ranges of 75, 150, and 300 V rms, power output of 1750 VA at 70 to 75 V, 140 to 150 V and 280 to 300 V rms. Harmonic distortion is rated at  $<1.0\%$  from 45 Hz to 5.6 kHz, line regulation of  $\pm 0.25\%$  of full output for a  $\pm 10\%$  line change. Full power frequency range is 45 Hz to 5.6 kHz. AC input line is 3-phase, 208 V rms ( $\pm 10\%$ ).