

Color Picture



功能

- 調頻 40Hz~400Hz, 0.1Hz/Step
- 調幅 0~200VACrms, 1%/Step, (200VAC=100%)
- 自動記錄面板設定.
- 完美正弦波形輸出, 實現低噪聲, 低功耗, 元件運送過程不跳動.
- Soft On/Off 0.5~1 秒, 0.1 秒/Step, 啟動/停止元件不跳動.
- 過溫保護, 輸出過電流保護
- 預留 2 個隔離式輸入端口(可依客戶需求出廠前進行程式設定)

General Specification

Rated Supply Voltage :	260Vac rms
Storage Temperature :	-20 ~ 80 °C
Operating VACin :	90~240VACrms
Vout Frequency :	40 ~ 400Hz
Vout Amplitude	0~200VACrms
*Iout_max	0.15A p_p
**Pout	20VA

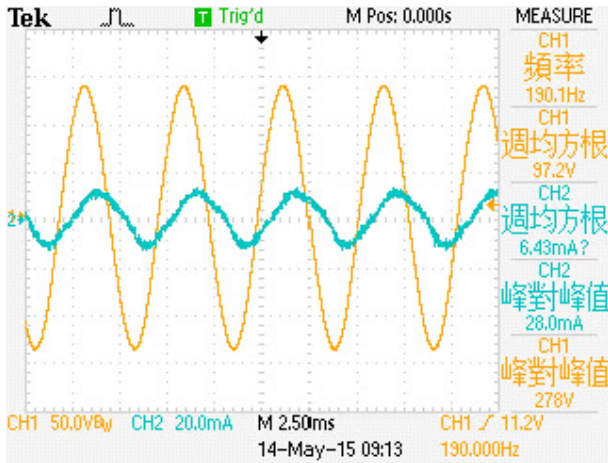
*Iout_max is measured at load =TCERA Piezo Actuator

** Pout_max is RMS value at load =TCERA Piezo Actuator

Specification

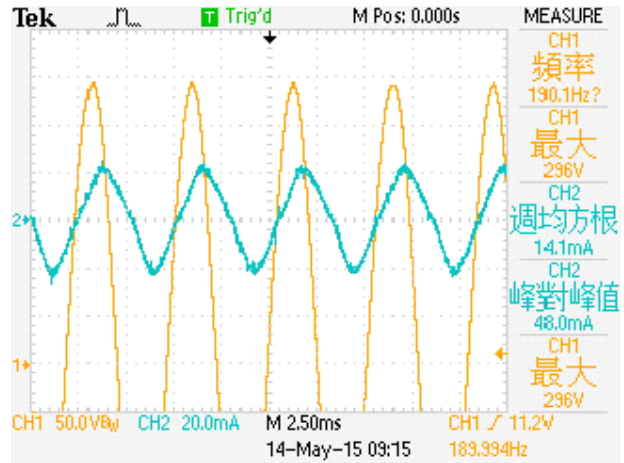
Parameter	Value	Remark
Frequency Tolerance	0.1%	0~40°C
Output Amplitude	5%	Output=200Vrms without Load
Output Distortion	-40dB	Output=100Vrms without Load
Driving Ability	20VA	More than 4*TPA5086 or 230mm Parts Feeder
Short Circuit Trip Point	0.14A	Test with TCERA Actuators

Test Waveform



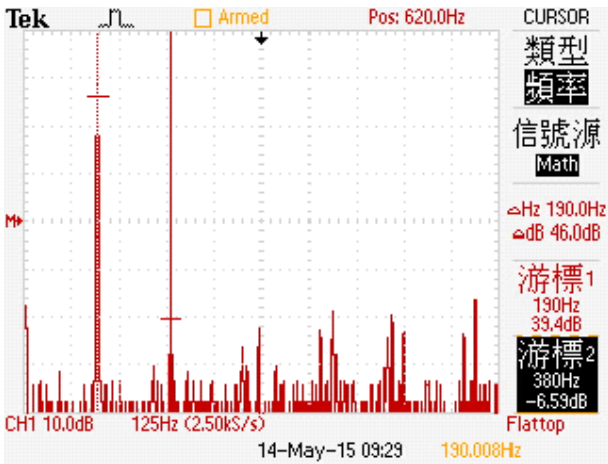
Freq=190Hz, Vout=100Vrms(50%),

Load=190mm Parts Feeder (2*TPA5086)



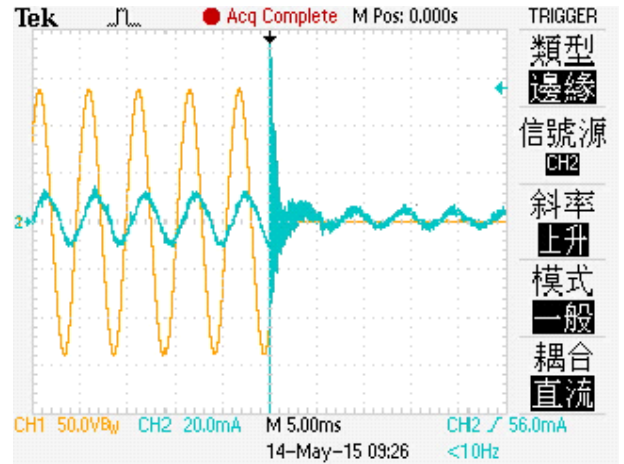
Freq=190Hz, Vout=200Vrms(10%),

Load=190mm Parts Feeder (2*TPA5086)



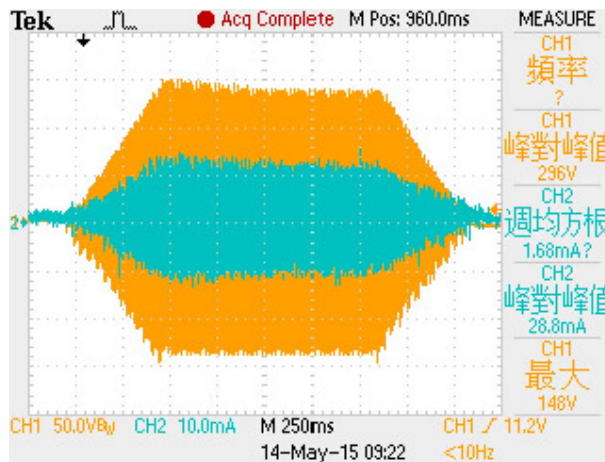
Output Distortion, Test without Load

Freq=190Hz, Vout=200Vrms (100%),



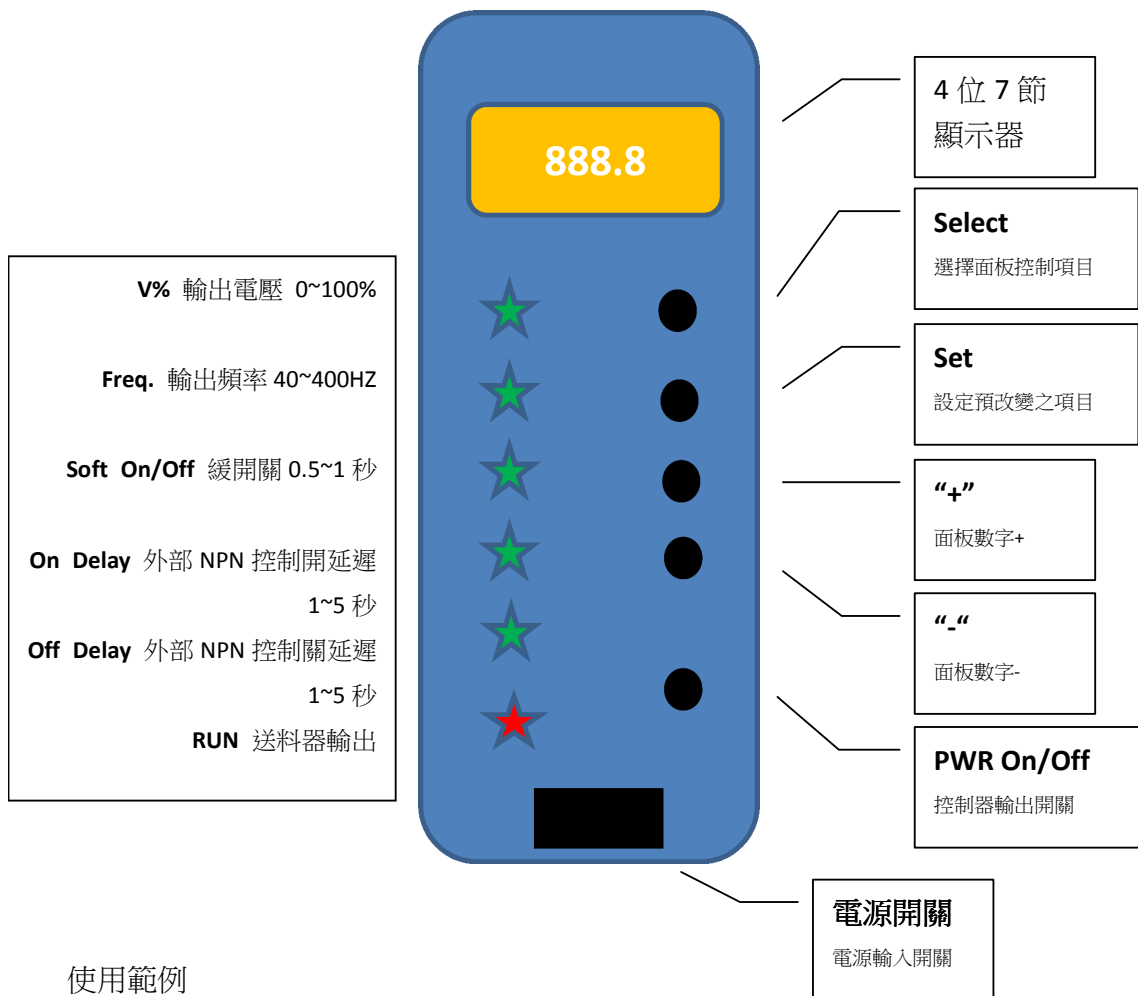
Short Circuit Protection

Freq=190Hz, Vout=100Vrms (50%)



Adjustable 0.5sec Soft On/Off

面板描述



使用範例

1. 按 SELECT 鍵 直至 Freq 燈亮
2. 按 SET 鍵 → 顯示器 閃爍, 此時調整 “+” “-” 設定頻率
3. 按 SELECT 鍵 直至 V% 燈亮
4. 案 SET 鍵 → 顯示器 閃爍, 此時調整 “+” “-” 設定輸出大小
5.
6. 以此類推

下方外部控制 3PIN 航空插頭描述(外接光纖傳感器)

1. 欲使用外部控制, 控制器須保持 PWR ON, RUN 燈亮
2. PIN1=+24V, PIN2=NPN (光纖傳感器 NPN 外部信號), PIN3=GND
3. NPN 有信號= 輸出停止, NPN 無信號= 輸出 RUN 燈亮

機箱側面外部接頭描述

輸入：85~260VAC

輸出：0~220VAC, 40~400Hz

負載：壓電送料機

外部接頭

