

LPS 505N-MO三組輸出直流電源供應器



LPS 505N-MO三組獨立輸出可程式直流電源供應器，解析度高達10mV/1mA，並且具備了CH1/CH2串並聯模式，客戶可以輕易地將電壓及電流提升至64V/3A或是32V/6A，CH3為定功率模式，讓電壓電流的輸出使用更加靈活。每組輸出都具有過電壓(OVP)/過電流(OCP)保護功能，使用數字鍵及飛梭旋鈕來設定微調電壓/電流值。標準介面RS232/USB方便客戶由PC擷取電壓電流值，並且還有選購介面GPIB/LAN可供選擇。

特點

- 獨立三組可程式直流電源供應器(CH3定功率輸出模式)
- 三組可同時顯示電壓、電流值
- 低漣波和低雜訊輸出
- CH1/CH2 輸出串並聯模式
- 可保存100組設定資料，快速儲存、呼叫
- 旋鈕調整及數字鍵設定功能
- 按鍵保護功能
- OVP(過電壓保護)、OCP(過電流保護)功能
- 標準RS232/USB介面
- 選購GPIB/LAN介面

Model	LPS 505N-MO	
Channel No.	CH1 & CH2	CH3
Output Voltage	0 ~ 32V	0 ~ 15V
Output Current	0 ~ 3A	0 ~ 5A
Output Power (CH3 Auto Ranging)	96W	30W
Line Regulation ±(% of output + offset)		
Voltage	0.01% + 2mV	
Current	0.01% + 300uA	
Load Regulation ±(% of output + offset)		
Voltage	≤3mV	≤5mV
Current	0.01% + 300uA	
Ripple and Noise (20Hz ~ 20MHz)		
Normal Mode Voltage	700uVrms / 7mVpp	1mVrms / 20mVpp
Normal Mode Current	< 1mA	< 5mA
Resolution		
Programming	10mV / 1mA	10mV / 2mA
Readback	10mV / 1mA	3mV / 2mA
Programming Accuracy ±(% of output + offset)		
Voltage	0.05% + 20mV	0.05% + 6mV
Current	0.05% + 3mA	0.05% + 4mA
Readback Accuracy ±(% of output + offset)		
Voltage	0.05% + 20mV	0.05% + 6mV
Current	0.05% + 3mA	0.05% + 4mA
Temperature Coefficient per°C ±(% of output + offset)		
Voltage	< 0.1% + 3mV	
Current	< 0.2% + 2mA	
Tracking Accuracy ±(% of output + offset)		
Voltage	0.1% + 40mV	
Transient Response Time	< 50uS	
Stability, constant output & temperature ±(% of output + offset), 8hrs		
Voltage	< 0.2% + 2mV	
Current	< 0.1% + 1mA	
Voltage Programming Speed		
Rising Time at Full Load	3mSec	
Rising Time at No Load	3mSec	
Falling Time at Full Load	8mSec	
Falling Time at No Load	250mSec	
General		
AC Line Input Voltage Ranges	115 / 230 VAC ± 10% (47Hz ~ 63Hz)	
Temperature Ratings	Operating(0°C ~ 40°C) , Storage(- 10°C ~ 70°C)	
Common-Mode Voltage	±240Vdc	
Dimensions (W×H×D)mm	(216 × 135 × 432)	
Weight	9kg	