

雙輸出行動通訊直流電源供應器

PPS1201GSM-A-MO



PPS1201GSM-A-MO 是一台可測試手持式產品內部充電電路及供電功能的直流電源供應器，兩組輸出都同時具有 Power 及 Sink 功能。當為 Power 的角色時，可量測 3mA 檔位的待機電流(解析度高達 1uA)，當為 Sink 的角色時，可模擬為電池負載，並且量測手持式產品的充電電壓及電流。針對手持式產品而設計出來的 PPS1201GSM-A-MO，不僅可以減少測試的步驟與使用的儀器數量，壓降補償功能(Remote Sense)更可讓輸出電壓準確無損的送至待測物，再透過標準的 GPIB 介面實行自動化測試，讓此台 PPS1201GSM-A-MO 達到客戶對它的期望。

特點

- 雙輸出同時具有(Source/Sink)功能
- 雙輸出具有3mA量測電流檔位(解析度1uA)
- 監測實際輸出的電壓及電流
- 電池充放電測試
- 簡單易懂的數字鍵操作
- 定電壓(CV)/定電流(CC)功能
- 電壓補償功能(Remote Sense)
- 前後板輸出功能
- 具有單機簡易校正功能
- 標準GPIB介面

Model	PPS1201GSM-A-MO
Channel No.	CH1 & CH2
Output Voltage	0 ~ 8V
Output Current	0 ~ 3A
Sink Current	0 ~ -3A
Current Measurement Range	3A Range : -3A ~ 3A 3mA Range : 0 ~ 3mA
Line Regulation ±(% of output + offset)	
Voltage	0.001% + 1mV
Current	0.001% + 1mA
Load Regulation¹ ±(% of output + offset)	
Voltage	0.001% + 1mV
Current	0.001% + 1mA
Ripple and Noise (20Hz ~ 20MHz)	
Normal Mode Voltage	0.5mVrms / 10mVpp
Normal Mode Current	1mArms
Resolution	
Programming	2mV / 1mA
Readback	2mV / 1mA(3A) , 1uA(3mA)
Programming Accuracy ±(% of output + offset)	
Voltage	0.05% + 4mV
Current	0.15% + 5mA
Readback Accuracy ±(% of output + offset)	
Voltage	0.1% + 4mV
Current	0.2% + 5mA
Temperature Coefficient per°C ±(% of output + offset)	
Voltage	100ppm/°C
Current	200ppm/°C
Sink Current Tracking	0.3% + 10mA
Transient Response Time	< 50uS
Stability, constant output & temperature ±(% of output + offset), 8hrs	
Voltage	< 0.01% + 1mV
Current	< 0.1% + 5mA
Voltage Programming Speed	
Rising Time	5mSec
Falling Time	10mSec
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	(210 × 130 × 400)
Weight	7.3kg

¹Remote sense operation is possible with up to 0.5V drop for positive and negative output load leads.