DC Power Supply *

Twintex

TPS系列開關模式直流穩壓電源是為通訊、實驗室及工業用途開發的高端電源。節能電路設計，使電源體積小、重量輕。

智能風扇控製程序，電源開機即可控制風扇速度，並根據電源不同的環境溫度和輸出功率水平控制風扇速度，安全且無噪音。

粗調和細調雙重調旋鈕，採用飛梭旋鈕及微處理器控制，平滑、精確、快速調節輸出電壓和電流。開路時，可在輸出端設置穩流限流點。

分離接地設置，使並聯和串聯更安全方便。內建3組電壓、電流儲存及呼叫功能，可快捷頻繁使用常用的電壓和電流設置。遠程控制功能，為工業用戶和高端用戶提供廣泛的使用空間。

功能特點

- 使用飛梭旋鈕,可輕易控制粗調及微調
- 內建3組電壓,電流儲存及呼叫功能
- 遠端控制功能:可控制電壓,電流及輸出ON/OFF
- 具有高度抗輻射及電磁波干擾
- 智慧型風扇控制
- 過載保護,過溫保護及追蹤過電壓保護功能
- 全新的設計體積小,重量輕

MODEL	TPS-3020	TPS-6010	TPS-1560	TPS-3030	TPS-6015
Output Voltage	1~30VDC	1~60VDC	1~15VDC	1~30VDC	1~60VDC
Output Current	0~20A	0~10A	0~60A	0~30A	0~15A
Voltae Regulation					
Load (10~100% load)	50mV				
Line (170~264VAC variation)	20mV				
Current Regulation					
Load	100mA	100mA	200mA	150mA	100mA
Line (170~264VAC variation)					
Ripple & Noise	50mA				
Ripple & Noise (r.m.s) voltage	5mV	5mV	5mV	5mV	5mV
Ripple & Noise (peak-peak) voltage	50mV	100mV	50mV	50mV	100mV
Switching Frequency	75-95KHz~	68-85KHz~	65-85KHz~	75-95KHz~	68-85KHz~
Tracking over voltage protections	O/P 1~5V: set voltage +2V	O/P 1~5V: set voltage +2V	O/P 1~5V: set voltage +2V	O/P 1~5V: set voltage +2V	O/P 1~5V: set voltage +2V
		O/P 5~20V: set voltage +3V	O/P 5~15V: set voltage +3V	O/P 5~20V: set voltage +3V	O/P 5~20V: set voltage +3V
Meter Type & Accuracy		O/P 20~60V: set voltage +4V		O/P 20~30V: set voltage +4V	O/P 20~60V: set voltage +4V
Voltage Meter	3 Digit LED Display ±0.2% + 3counts				
Current Meter	3 Digit LED Display ±0.2% + 3counts				
Input Voltage	200~240VAC 50/60Hz~ (or on request)				
Full Load Input Current	3.1A	3.1A	4.7A	4.5A	4.5A
Efficiency	87%	89%	85%	86%	88%
Power Factor Control	Power factor correction >0.9 at optimal load		Power factor correction >0.95 at optimal load		
Cooling Method	Thermostatic Control Fan from Zero to full speed				
Protections	Overload, Short Circuit by Constant Current, Output Tracking Over Voltage, Over Temperature				
Special Features	3 User defined V & I preset, Remote control V, I and output on-off				
	Remote Sensing (only for TP-1560)				
Dimensions	200Wx90Hx215D mm 7.9Wx3.5Hx8.5D inch				
Weight	2.6kg 5.7lbs			3.2kg 7 lbs	

All values are based on the Standard ambient Temperature 25℃ and Pressure 0.1Mpa.
Specifications are subject to change without prior notice.