

CPS-251S, CPS-303/305/3010, CPS-503/505, CPS-3032/CPS-3052

Regulated DC Power Supply



FEATURES

- Low ripple and stable output characteristics
- 3-digital meter indication
- Overload and overvoltage protection
- Voltage and current limit control
- Constant voltage (CV) and constant current (CC)

SPECIFICATIONS

MODEL	CPS-251S	CPS-3010	CPS-305	CPS-303	CPS-503	CPS-505	CPS-3032	CPS-3052	
Output voltage & current	0~25V 0~1A	0~30V 0~10A	0~30V 0~5A	0~30V 0~3A	0~50V 0~3A	0~50V 0~5A	0~30V Dual 0~3A Dual	0~30V Dual 0~5A Dual	
	—		Fixed output 5V, 2A						
Ripple rejection	≤2mVrms (5Hz~1MHz)								
Regulation	Line	Less than 0.01%+3mV							
	Load	Less than 0.02%+5mV							
Resolution	Voltage	0.1V digital volt meter							
	Current	0.01A digital ammeter							
Instant return time	70μs (50% load change)								
Display	Voltage	3-digital volt meter: 1ea (CPS-251S, CPS-303/305/3010, CPS-503/505) 3-digital volt meter: 2ea (CPS-3032, CPS-3052) CV Indicator LED							
	Current	3-digital ammeter: 1ea (CPS-251S, CPS-303/305/3010, CPS-503/505) 3-digital volt meter: 2ea (CPS-3032, CPS-3052) CC Indicator LED							
Protection	Overvoltage protection and overload protection								
Fixed Output	Voltage / current	—		5V / 2A					
	Line regulation	Below 3mV							
	Load regulation	Below 10mV							
	Ripple noise	≤2mVrms							
	Voltage accuracy	5V±0.25V							
Input voltage	AC 220V 50/60Hz								
Dimension	263(W)x320(D)x150(H)mm		140(W)x270(D)x150(H) mm			263(W)x320(D)x150(H)mm			

STANDARD ACCESSORIES

- Power cord: 1ea
- Output cable: 2ea
- User's guide manual: 1ea