

# CPS-201T / CPS-303 / CPS-305T

## Tracking Regulated DC Power Supply



### FEATURES

- Multi-functional mode (Independent, Tracking, Parallel and Series)
- 4-digit meter indication
- Low ripple and stable output characteristics
- Overload and overvoltage protection
- Voltage and current limit control
- Constant voltage (CV) and constant current (CC)

### SPECIFICATIONS

<b>Output Mode</b>		Independent / Tracking / Parallel / Series
<b>Output voltage &amp; current</b>		Independent
		0~20V Dual
		0~1A Dual (CPS-201T)
		0~30V Dual
		0~3A Dual (CPS-303T), 0~5A Dual (CPS-305T)
Tracking		0~±20V
		0~±1A (CPS-201T)
		0~±30V
		0~±3A (CPS-303T), 0~±5A (CPS-305T)
Parallel		0~20V
		0~2A (CPS-201T)
		0~30V
		0~6A (CPS-303T), 0~10A (CPS-305T)
Series		0~40V
		0~2A (CPS-201T)
		0~60V
		0~3A (CPS-303T), 0~5A (CPS-305T)
Fixed Output		5V
		2A (CPS-303T, CPS-305T only)
<b>Ripple rejection</b>		≤2mVrms (5Hz~1MHz)
<b>Regulation</b>	<b>Line</b>	Less than 0.01%+3mV
	<b>Load</b>	Less than 0.02%+5mV
<b>Resolution</b>	<b>Voltage</b>	0.1V digital volt meter
	<b>Current</b>	0.01A digital ampere meter
<b>Instant return time</b>		100μs (50% load change)
<b>Display</b>	<b>Voltage</b>	3-digit digital volt meter CV indicator LED
	<b>Current</b>	3-digit digital ammeter CC indicator LED
<b>Protection</b>		Overvoltage protection and overload protection
<b>Fixed output</b>	<b>Voltage/Current</b>	5V / 2A (CPS-303T and CPS-305T)
	<b>Line regulation</b>	Below 5mV
	<b>Load regulation</b>	Below 10mV
	<b>Ripple noise</b>	≤2mVrms
	<b>Voltage accuracy</b>	5V±0.25V

### STANDARD ACCESSORIES

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