

CPS-1610C**Features:**

1. Top cost performance ratio
2. Smallest size (120*55*180mm)
3. Zero over shoot
4. Active PFC (PF>96%)
5. High efficiency, typical: 97%
6. Low ripple & noise ($\leq 20\text{mVp-p}$)
7. 4 digits voltage meter and 4 digits current meter
8. Setting accuracy: (Voltage: 10mV, Current:10mA)
9. Intelligent protection: Output short circuit protection, Tracking Over Voltage Protection (OVP), Tracking Over Current Protection (OCP), Over Temperature Protection (OTP)

Specifications

Model	CPS-1610C
Operation Voltage Range	180 – 264Vac
Operation Frequency Range	45 – 65HZ
Output Voltage Range	0 – 16V
Output Current Range	0 – 10A
Power Factor	≥96%
Efficiency (230Vac/full load)	≥86%
Full Load Input Current (230Vac)	≤0.85A
No Load Input Current (230Vac)	≤ 150mA
Volt Meter Accuracy	≤ 0.3% + 1 digit
Current Meter Accuracy	≤ 0.3% + 2 digits
Constant Voltage	
Load Regulation (0-100%)	≤ 40mV
Line Regulation(180-264Vac)	≤ 10mV
Ripple & Noise (Peak-Peak)	≤ 20mV
Ripple & Noise (r.m.s)	≤ 2mV
Set Accuracy	≤ 0.3% + 10mV
Transient Response Time (50%-100% Rated Load)	≤ 1.0ms
Constant Current	
Load Regulation (90%-10% Rated Voltage)	≤ 50mA
Line Regulation (180-264Vac)	≤ 10mA
Ripple & Noise (Peak-Peak)	≤ 30mAp-p
Set Accuracy	≤ 0.3% + 20mA
Size(width* height* depth)	120*55*180mm
Net Weight	0.95KG