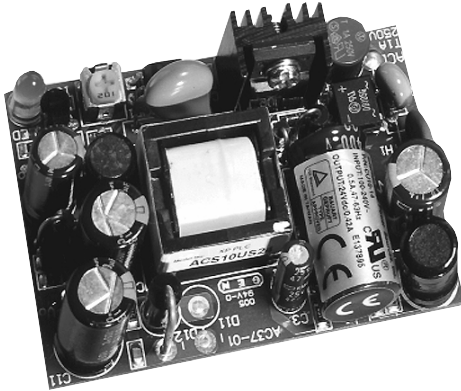


AC/DC PCB Mount

10-15 Watts CU10/15 Series

XPiQ inc.

Intelligent Design Quality Product



CE Marked - LVD

•
Universal Input

•
10 & 15 Watt PCB Mount

•
Rugged Design

•
Low Cost

•
Small Size

•
International Safety Approvals

Specification

Input

- Input Voltage • 85 - 264 VAC (110-370 VDC)
- Efficiency • See Table
- Input Frequency • 47 - 63 Hz
- Inrush Current • 20 A at 115 VAC or 40 A at 230 VAC at 25 °C cold start
- Input Current • 0.8 A (rms) for 115 VAC, 0.5 A (rms) for 230 VAC

Output

- Output Voltage • See Table
- Voltage Adjustment • $\pm 5\%$
- Hold Up Time • 16 msec typical (full load)
- Line Regulation • $\pm 0.5\%$ maximum at full load
- Load Regulation • (10% to full load) $\pm 1\%$ maximum

General

- Overvoltage Protection • Typically 130% of max output automatic recovery
- Operating Temperature • 0 °C to +70 °C (derate from full load at +45 °C to half load at +70 °C)
- MTBF • 800,000 hrs MIL-HDBK-217F
- Weight • CU10, 50 g
CU15, 70 g

Environmental

- Storage Temperature • -40 °C to +85 °C
- Isolation • Input to output 3000 VAC
Input to ground 2500 VAC
Output to ground 1000 VAC

Safety and EMC

- Safety • UL1950, CSA C22.2 No.234 EN60950
- EMC • FCC20780 level B, CISPR22 (EN55022) Class B

OUTPUT VOLTAGE & CURRENT RATINGS - 10 WATT MODELS **CU10-15**

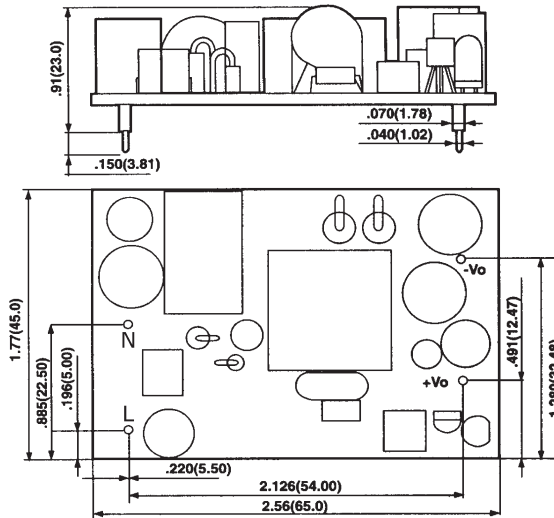
Output Power	Output Voltage	Output Current		Efficiency	Model Number
		Nominal	Peak		
10 W	3.3 V	2500 mA	3800 mA	65%	CU10-00
	5.0 V	2000 mA	2800 mA	70%	CU10-10
	12.0 V	833 mA	1200 mA	75%	CU10-12
	15.0 V	677 mA	1000 mA	75%	CU10-13
	24.0 V	417 mA	650 mA	78%	CU10-14

OUTPUT VOLTAGE & CURRENT RATINGS - 15 WATT MODELS

Output Power	Output Voltage	Output Current		Efficiency	Model Number
		Nominal	Peak		
15 W	3.3 V	3000 mA	4500 mA	70%	CU15-00
	5.0 V	3000 mA	4500 mA	73%	CU15-10
	12.0 V	1250 mA	1800 mA	80%	CU15-12
	15.0 V	1000 mA	1500 mA	80%	CU15-13
	24.0 V	630 mA	950 mA	82%	CU15-14

Mechanical Details

10 Watt Model



All dimensions shown in inches (mm).

15 Watt Model

