

# Model



## TCDC - 120A12 - R7

### Desktop Switching Power Supply



#### Design Features

- Wide AC Input Range
- Built in Active PFC
- No Load Power < 0.5W
- Quasi resonant switching for low noise & high efficiency



#### Applications

- Two way radio base stations
- Communications Systems
- Security Systems
- GPS Receivers
- 12 volt Lighting Systems
- OEM Applications

#### Specifications

Input Voltage Range	90 ~ 264VAC 47~63Hz
Output Voltage	13.8 VDC
Output Ripple & Noise (on full load, peak to peak)	100mV
Full Load Efficiency	88% typical @ 230 VAC
Output Current , continuous rated	10A
Cooling	Temperature Controlled Fan
Protections	Over Current , Short Circuit, Over Voltage and Over Temperature
Operating Temperature Range	0 ~ 50 c°
AC Input	Detachable Power Cord C / W NEMA 5- 15 P Plug
Dimensions (LxWxH) / mm	178 x 211x 56
Weight / lbs.	3.0
Safety Certification	UL / CSA / EN60950
EMC Conformity	FCC Part 15(B) , Class B Digital Device

Model

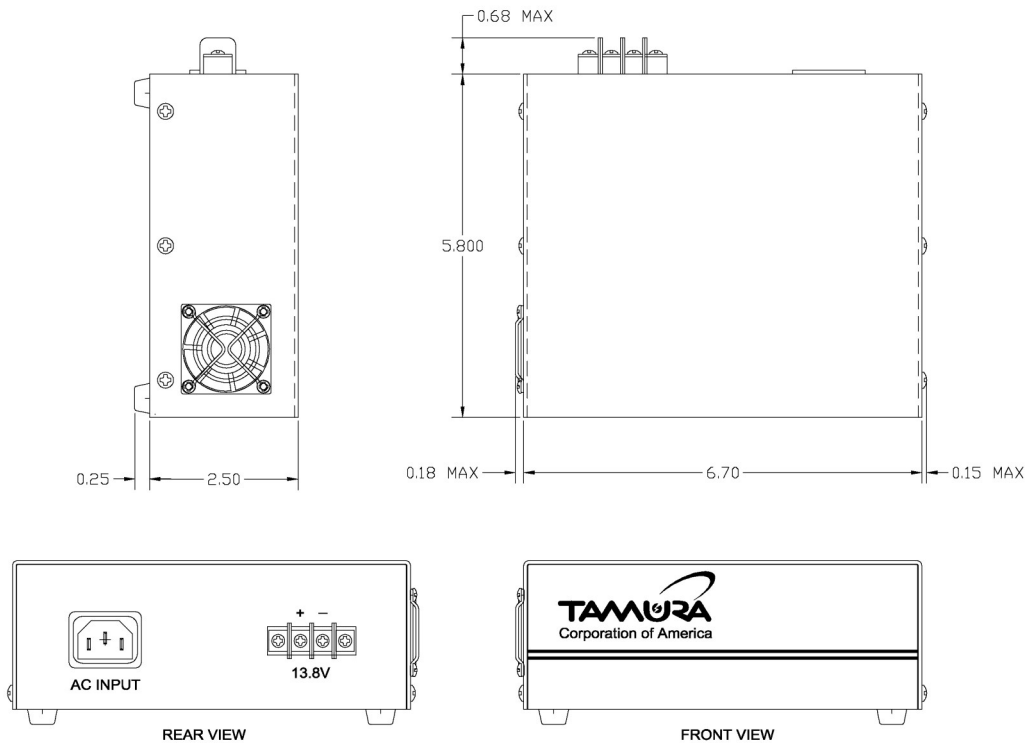


# TCDC - 120A12 - R7

*Desktop Switching Power Supply*



## Mechanical Specifications



For use in Controlled Environment, see Installation Guide Warnings and Restrictions.

## Safety Specifications

- Component Certification in accordance with CSA / UL 60950 (for CSS/NRTL)
- EN 60950 (for CE)
- RoHS Directive (for CE)
- EMC Directive (for CE)
- Complies with CEC Energy Efficiency STDS

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Tamura:

[TCDC-120A12-R7](#)