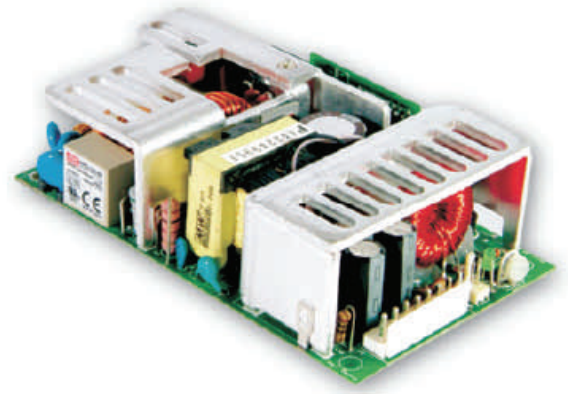


# PPT-125 Series

## 125W Triple Output Power Supply



### FEATURES

- Universal AC input - Full range
- Built-in active PFC function
- Short circuit / Overload / OverVoltage protections
- PWM control and regulated
- High power density 6.117W/inch<sup>3</sup>
- LED indicator for power on
- 125W with 18CFM fan
- 5" x 3" compact size



### ENVIRONMENTAL

Operating Temp: -20 to +70°C  
With de-rating

Storage Temp: -40 to +85°C

### SAFETY / EMC

UL60950-1, EN60950-1

EN55022 Class B  
EN61000-3-2,-3 / EN61000-4-2, 3, 4, 5, 6, 8, 11  
ENV50204 / EN55024 / light industry level / criteria A

### ELECTRICAL SPECIFICATIONS

Model No.	PPT-125A			PPT-125B			PPT-125C			PPT-125D		
AC Input	90-264Vac, single phase, 47-63Hz											
DC Input	127-370VDC											
DC Output	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3
Voltage	3.3V	5V	12V	5V	12V	-12V	5V	15V	-15V	5V	24V	12V
Current (convection)	1~10A	0.8~8A	0.05~0.5A	1~11.5A	0.3~3A	0.05~0.5A	1~11A	0.25~2.5A	0.05~0.5A	1~7A	0.25~2.5A	0.05~0.5A
Current (18CFM)	1~12.5A	0.8~10A	0.05~0.63A	1~14.38A	0.3~3.75A	0.05~0.63A	1~13.75A	0.25~3.13A	0.05~0.63A	1~8.75A	0.25~3.13A	0.05~0.63A
Power (convection)	79W			99.5W			100W			101W		
Power (18CFM)	98.8W			124.46W			125.15W			126.43W		
Ripple & noise (p-p)	100mV	100mV	120mV	100mV	120mV	120mV	100mV	150mV	150mV	100mV	240mV	120mV
Voltage Tolerance	±3.0%	±5.0%	±6.0%	±3.0%	±5.0%	±6.0%	±3.0%	±5.0%	±6.0%	±3.0%	±5.0%	±6.0%
Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load Regulation	±3.0%	±3.0%	±5.0%	±3.0%	±3.0%	±5.0%	±3.0%	±3.0%	±5.0%	±3.0%	±3.0%	±5.0%
Overload	130~160% rated output power. Foldback current limiting. Recovers automatically when condition removed.											
Over Voltage	CH1: 3.6~4.45V			CH1: 5.75~6.75V			CH1: 5.75~6.75V			CH1: 5.75~6.75V		
Dimensions	127(L) x 76.2(W) x 34.6(H)mm											
Weight	0.37Kg											

Specifications subject to change without notice

### Safety Power Group Ltd

9, Farnborough Business Centre, Eelmoor Road, Farnborough, Hampshire. GU14 7QN

Tel: +44 (0) 1252 515565 Fax: +44 (0) 1252 546021

e-mail: sales@safety-power.com web: www.safety-power.com