

# D500C002P

500W PS/2 ATX PSU with fan control, Over voltage and over current protection



## FEATURES

- Short Circuit protection
- Over Voltage protection
- Over current protection
- Fan Control (Internal Fan)
- Remote control ON/OFF Control

## INPUT SPECIFICATION

Input Voltage	90V~264V AC
Input Frequency	47Hz~63Hz
Input Current	10A@100V and 5A@240V

## OUTPUT SPECIFICATION

Wattage	500W
Efficiency	50% LOAD <= 85%; 100% LOAD <= 82%
Hold-up Time	>10mS
Over Voltage Protection	+5.1V: 7V (max) +12V: 15.6V (max) +3.3V: 4.6V (max)
EMI & Safety Approval	CE, CCC, CB, BSMI, UL, CUL FCC, BIS, TUV
Over Current Protection	+3.3V 12A, +5V 23A, +12V1 22A, +12V2 27A, +5VSB 3A

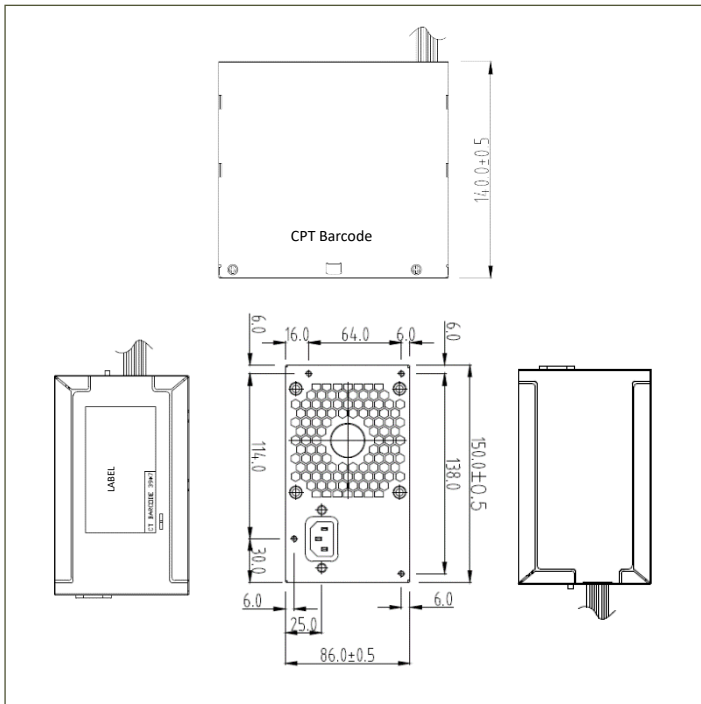
## DC OUTPUT

	+3.3V	+5V	+12V1	+12V2	-12V	+5VSB
Max. Load	10A	22A	20A	25A	0.3A	2.5A
Min. Load	0.1A	0.2A	0.075A	0.075A	0A	0A
Max. Watt	130W		435W (35°C) 390W (50°C)		3.6W	12.75W
Load Reg.	±5%	±5%	±5%	±5%	±5%	±5%
Ripple	50mV	50mV	120mV	120mV	120mV	50mV
Noise	50mV	50mV	120mV	120mV	120mV	50mV

## GENERAL SPECIFICATION

MTBF	100,000 hours at 500W load (115Vac) & 35°C
Temperature/ Humidity	<b>Storage:</b> -20~60°C, 5% ~ 95% (non-condensing) <b>Operation:</b> 0~50°C (450W), 0~35°C (500W) 20% ~ 85% (non-condensing)
Dimension (W x D x H)	150 x 140 x 85mm; 5.9" x 5.5" x 3.4"
Rise Time	<20mS

## MECHANICAL DRAWING



## ORDERING INFO

APD-3053 D500C002P – 500W PS/2 Power Supply



\*All information provided is subject to change without notice. Last updated: August 22, 2023