

# TC-580PD3 TC-620PD3

580/620W PS2 ATX Switching Power Supply



## INTRODUCTION

iStarUSA PD3 series high performance switching power supply with industrial strength. The 120mm cooling fan design to reduce operation noise while keep the optional airflow and dual 12V rail increase overall system stability. It supports dual graphic card, SATA drives, ATX, and EPS12V standards. The PD3 series quiet industrial switching power supply designed for sensitive environments.

## FEATURES

- High Efficiency
- Universal Active PFC Circuitry
- Ezplug Cable Management
- Low Noise 120mm Fan
- Dual 12V Power Circuitry
- Real Power Rating
- SLi and Crossfire Ready
- RoHS Compliant

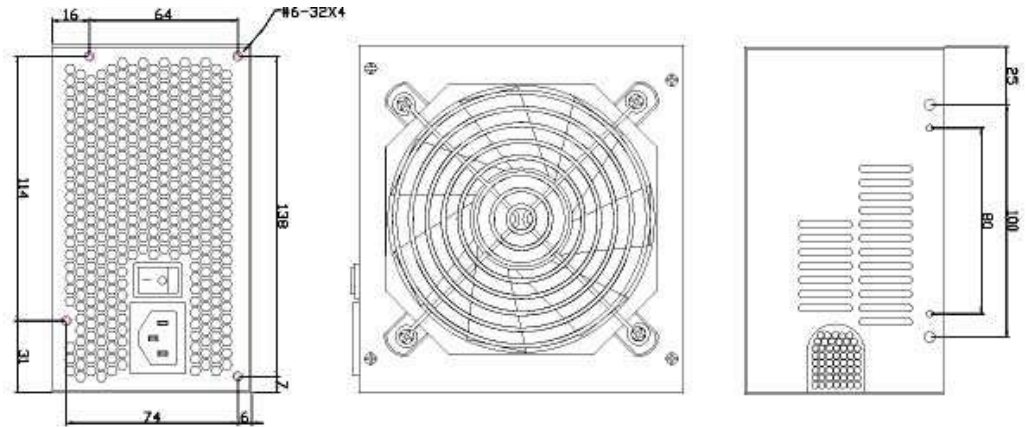
- Ⓐ Fan
- Ⓑ AC Input Fuse
- Ⓒ Power Switch
- Ⓓ Air Cell Vent



NO. of Fans: 120 mm x 1  
 Air Flow CFM: 80.98  
 Net Weight: 4.08 lb

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## DRAWING



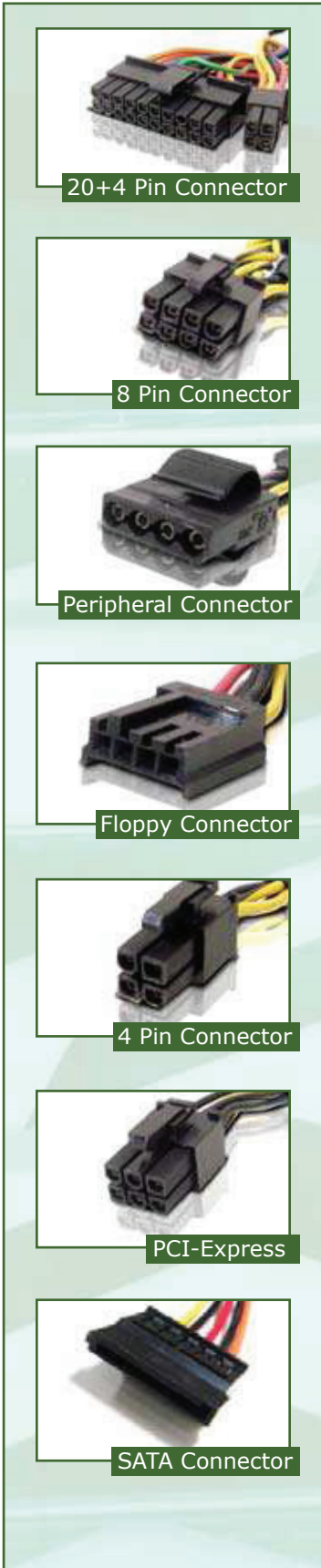
## SPECIFICATIONS

Model Number	TC-580PD3	TC-620PD3
RoHS Compliance Version	Yes	
Output Power	580W	620W
AC Input	90V to 264V Full Range 47Hz ~ 63Hz	
Main Connector	20+4 Pin	
12V Connectors	8 Pin / 4 Pin	
Dimensions [WxHxD]	150 x 86 x 140 mm	

## OUTPUT TABLE

Voltage		+3.3V	+5V	+12V	+12V1	-12V	+5Vsb
Max Load	TC-580PD3	25A	30A	18A	28A	0.8A	2.5A
	TC-620PD3	25A	30A	18A	30A	0.8A	205A
Min Load		0.5A	1.5A	1.5A	1.5A	0.1A	0.1A
Regulation		±0%	±5%	±5%	±5%	±0%	±5%
Ripple (mV)		50	50	120	120	120	50

:: Operation Temperature: 0°C to 50°C  
 :: Humidity: 5 to 90°C non-condensing  
 :: Specification and wiring diagram subject to change without notice



20+4 Pin Connector

8 Pin Connector

Peripheral Connector

Floppy Connector

4 Pin Connector

PCI-Express

SATA Connector