



# USB Type-C P.D. 45 / 65 Watt Series

Desktop Type

## Features :

- IEC/EN/UL 62368-1
- 100-240VAC Universal Input
- Power Delivery 2.0
- System control through CC1
- Regulated Output With Low Ripple Noise
- Safety Agency Requirements and EMI/EMS Certified
- Modified and Custom Design Available
- 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
APD045T-A200	5.0V	3.00A	15W
	9.0V	3.00A	27W
	12.0V	3.00A	36W
	15.0V	3.00A	45W
	20.0V	2.25A	45W
APD065T-A200	5.0V	3.00A	15W
	9.0V	3.00A	27W
	12.0V	3.00A	36W
	15.0V	3.00A	45W
	19.0V	3.43A	65W
	20.0V	3.25A	65W

## Input

Voltage	100-240VAC
Line Frequency	50-60Hz
Current	45W : 1.2A Max. / 65W : 1.6A Max.
Protection	Internal Primary Current Fuse
Configuration	IEC60320/C8

## Output

Load Regulation	±5% ( Typical )
Ripple & Noise	2% Vp-p Max. for Output Voltage@ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection

## Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI, ErP Stage 2
EMC Standards	EN55032
	EN61000-3-2,3
	EN55035
MTBF	300,000 Calculated Hours at 25°C , by Telcordia SR-332

## Environmental

Operating Temperature	-20 to + 40°C
Storage Temperature	-20 to + 80°C
Relative Humidity	Operating : 20 to 80% RH
	Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

## Mechanical

Case Dimension	APD045T : L 99 x W 33 x H 50 (mm)
	APD065T : L 119 x W 60 x H 36 (mm)
Weight	APD045T : 190g (Ref.)
	APD065T : 285g (Ref.)

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