



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

Desktop Type

Green Mode

Meet CEC, DoE Level VI, Energy Star, ErP Stage 2,
NRCAN & GEMS Level VI
No Load Power Consumption Less Than 0.1W

Features :

- IEC/EN/UL 62368-1 & 60950-1
- 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
- Private Label Marking Available
- 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 : 1.4A 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
DC Cord	UL2095
Ferrite Core	Yes

Safety Approvals

APD045T-A200 :

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / CCC / RCM / LPS

APD065T-A200 :

CB / UL / cUL / FCC / GS / CE / PSE / BSMI / LPS

Electrical

Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	Meet DoE Level VI, Energy Star, ErP Stage 2, NRCAN & GEMS Level VI
EMC Standards	EN55032
	EN61000-3-2,3
MTBF	EN55024
	300,000 Calculated Hours at 25°C , by Telcordia SR-332

Environmental

Operating Temperature	0 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.)