



Specifications:

No. of Outputs	: 1
Output Connector	: Various
Applications	: General Purpose
Efficiency	: 87%
External Width	: 44.5mm
Mounting Type	: Desktop
Power Supply Type	: Switch Mode

Input Requirements:

Input Voltage	: 110 to 240V AC
Frequency	: 50/60Hz
Inrush Current	: 30A Peak at 120V AC 62A Peak at 240V AC
Max. Input Current	: 1.5A at 100V AC

Efficiency:

87% Min. at Full Load Condition.
Total Output Power : 65W

Output Requirements:

Output Voltage	: 12 to 24.5V DC (Adjustable)
Remark	: Type A : 12 to 15V DC Type B : 16 to 19V DC Type C : 20 to 24V DC
Output Current	: 2.8A to 5A
Line Regulation	: $\pm 3\%$
Load Regulation	: $\pm 5\%$
Ripple/Noise	: $+5\%$ of Output Voltage

Protection:

Current Limit Protection	: Built-in
Short Circuit Protection	: Built-in

Environmental:

Temperature Range

Operation Temperature : 0°C to +30°C
Storage Temperature : +10°C to +75°C

Humidity:

Operation Humidity : 10% to 90%
Storage Humidity : 10% to 100%

Physical:

PCB Dimension : (L) 101mm × (W) 38.5mm × (H) 1.2mm
Case Dimension : (L) 110mm × (W) 44.5mm × (H) 30.5mm
Input AC Power Cable : 1m
Output DC Power Cable : 1.2m

Included Tips

TIP A19

Output : 19V
Dimension : Ø6 × Ø1.4 × 25.5 × (Length) 11mm

TIP B16

Output : 16V
Dimension : Ø6.5 × Ø3 × 22 × (Length) 11mm

TIP C19

Output : 19V
Dimension : Ø5.5 × Ø2.5 × 22.5 × (Length) 11mm

TIP D19

Output : 19V
Dimension : Ø5.5 × Ø2.1 × 22.5 × (Length) 11mm

TIP E19

Output : 19V
Dimension : Ø4.75 × Ø1.7 × 22 × (Length) 11mm

Part Number Table

Description	Part Number
PSU, Desktop, 65W, 16V to 19V	ATD75WS

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