



Specifications:

Input Requirements:

Input Voltage	: 110 to 240V ac.
Frequency	: 50/60Hz.
Inrush Current	: 50 Amperes Peak at 120V ac 100 Amperes Peak at 240V ac.
Maximum Input Current	: 1.8 Amperes at 100V ac.

Efficiency:

83% Minimum at Full Load Condition.	
Total Output Power	: 120W.

Output Requirements:

Output Voltage	: Output Voltage : 16 to 19V dc (Adjustable).
Remark	: Type A : 16 to 19V dc
Output Current	: 5A to 6A.
Line Regulation	: $\pm 2\%$.
Load Regulation	: $\pm 5\%$.
Ripple/Noise	: +5% of Output Voltage.

Protection:

Current Limit Protection	: Built-in.
Over Voltage 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) 167 x (W) 57 x (H) 1.2mm.
Case Dimension	: (L) 172.5 (W) 63 x (H) 38mm.
Output DC Power Cable	: 1.2M.

Specifications:

2Included Tips

TIP A19

Output : 19V.

Dimension : Ø6.0 x Ø1.4 x 25.5 x (Length) 11mm.

TIP B16

Output : 16V.

Dimension : Ø6.5 x Ø3.0 x 22 x (Length) 11mm.

TIP C19

Output : 19V.

Dimension : Ø5.5 x Ø2.5 x 22.5 x (Length) 11mm.

TIP D19

Output : 19V.

Dimension : Ø5.5 x Ø2.1 x 22.5 x (Length) 11mm.

TIP E19

Output : 19V.

Dimension : Ø4.75 x Ø1.7 x 22 x (Length) 11mm.

Part Number Table

Description	Part Number
PSU, Desktop, 120W, 16 to19V	ATD120W

Notes:

International Sales Offices:

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