C:\Users\alice\Desktop\2016 website\astekglobe logo.bmp [www.astekglobe.com](http://www.astekglobe.com)

ATP120-S 100-120W Single Output Open Frame



Feature

\*Small Size: 3" \* 5"\* 0.9" footprint design

\*Compact size

\*High Efficiency

Input

Input Voltage: 100-240VAC  
Frequency: 50/60Hz  
Input Current: 2.0ARMS. Max @115VAC 120W Load, 1.0ARMS. Max @230VAC 120W Load  
Inrush Surge Current: 80A Typical, Cold Start @25 degree C, 115VAC  
Power Factor: 0.95~0.99 typical @115VAC/230VAC full load   
Output

Output Wattage: 120Watt Max (Convection Rating)  
Line regulation: +/- 0.5% typical  
Load regulation: main output +/- 2%  
Ripple Noise: 1% p-p typical at full load  
Efficiency: >87%  
Over Current Protection: Typically 120~200% Current Fold Back  
Over Voltage Protection: 130~160% Latch Up Protection  
Overshoot/UnderShoot: 1% Max @ Turn On/Turn Off   
**Part No Rated O/P(current max.)**

ATP120-S12 12V/8.4A/100W

ATP120-S15 15V/8A/120W

ATP120-S19 19V/6.32A/114W

ATP120-S24 24V/5A/120W

ATP120-S30 30V/4A/120W \

ATP120-S36 36V/3.3A/120W

ATP120-S48 48V/2.5A/120W

Operating Temperature: 0 ~50 degree C Ambient, Derated output 2.5% per degree C from 50 degree C to                                           70 degree C  
Storage Temperature: -40~85 degree C  
Humidity: Operating, Non-condensing, 5~95%  
Vibration: Random Operating 2.4GRMS/Max. 3 Axes 50~500Hz 10 Minutes/Axis  
Shock: Operating Half Sine 20GPK/Max. 3 Axes 10ms 6 shocks Total  
Turn-On Time: 3 sec Max at full load @115 VAC  
Hold Up time: 16ms Typical at full load @115VAC  
EMI, EMC, EMS: FCC & EN55022, EN55024  
Designed to meet EN61000-3-3, -4-2, -3,-4,-5,-6,-8,-11  
Dimension: 3" \* 5" \* 0.79" or  2.5" \* 5" \* 0.79"   
Safety: UL, cUL, CE, FCC, TUV-GS

Mechanical Drawing

