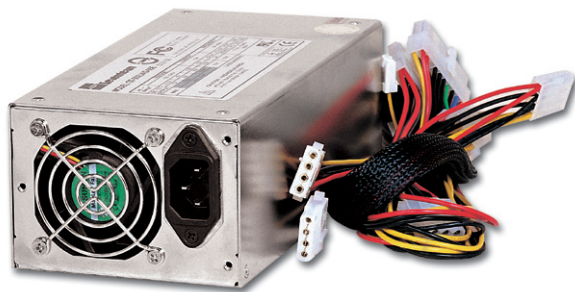


# ORION-B3501P

300W 2U ATX power supply with active PFC



## SPECIFICATION

|                            |   |
|----------------------------|---|
| Input Voltage              | 90V ~ 264V AC, full range   |
| Input Frequency            | 47 ~ 63 Hz  |
| Input Current              | 10A@115V, 6A@230V   |
| Efficiency                 | > 67%   |
| Holdup Time                | 16 ms at full load  |
| Over Voltage Protection    | +5V: 6.5 ~ 7.0V; +3.3V: 4.5V; +12V: 14.5V                         |
| Over Power/Load Protection | Output power over 110% ~ 150%                                     |
| MTBF                       | 100,000 hrs   |
| EMI & Safety Approval      | UL, CB, TUV, CE, FCC  |
| Temperature/Humidity       | Operating: 0 ~ 40°C, 20 ~ 90%RH<br>Storage: -20 ~ 60°C, 5 ~ 95%RH |
| Dimension (WxDxH)          | 200 x 100 x 70 mm; 3.94" x 8.3" x 2.8"                            |

## FEATURES

- 2U ATX power supply suitable for 2U and larger chassis
- Active PFC, full-range input
- Support Intel® Pentium® 4 processor
- Max. +5V standby output is 2A
- Max. +12V output is 18A

## ORDERING GUIDE

- ORION-B3501P  
350W 2U ATX power supply with active PFC



## DC OUTPUT

|           | +5V   | +3.3V | +12V  | -12V  | +5Vsb |
|-----------|-------|-------|-------|-------|-------|
| Max. Load | 25A   | 17A   | 25A   | 0.5A  | 2A    |
| Min. Load | 1.0A  | 1.0A  | 1.0A  | 0.25A | 0A    |
| Load Reg. | ±5%   | ±5%   | ±5%   | ±10%  | ±5%   |
| Line Reg. | ±1%   | ±1.5% | ±0.4% | ±0.4% | ±1%   |
| Ripple    | 50mv  | 50mv  | 120mv | 120mv | 50mv  |
| Noise     | 100mv | 100mv | 150mv | 200mv | 100mv |

# ORION-D3501P

350W ATX power supply with active PFC



## SPECIFICATION

|                            |  |
|----------------------------|--|
| Input Voltage              | 90V ~ 264V AC, full range  |
| Input Frequency            | 47 ~ 63 Hz   |
| Input Current              | 6A@90V   |
| Efficiency                 | > 68%  |
| Holdup Time                | 17 ms. at full load @25°C  |
| Over Voltage Protection    | +5V@ 7V; +3.3V@ 4.3V; +12V@ 15.6V                                  |
| Over Power/Load Protection | Output power over to 110%~140%                                     |
| MTBF                       | 75,145 hrs   |
| EMI & Safety Approval      | UL, TUV, CE, FCC, CB, CSA, SEMKO, FIMKO, NEMCO, DIMCO              |
| Temperature/Humidity       | Operating: 0 ~ 50°C, 20 ~ 85%RH<br>Storage: -40 ~ 70°C, 10 ~ 90%RH |
| Dimension (WxDxH)          | 150 x 140 x 86 mm; 5.9" x 5.5" x 3.4"                              |

## FEATURES

- PS/2 ATX power supply, suitable for 2U, node chassis, and larger chassis
- Active PFC, full-range input
- Total output power of +5V,+3.3V and +12V is 326W
- Max. +12V standby output is 18A
- Max. +5V load output is 40A

## ORDERING GUIDE

- ORION-D3501P  
350W PS/2 ATX power supply with active PFC



## DC OUTPUT

|           | +5V  | +3.3V | +12V  | -5V   | -12V   | +5Vsb |
|-----------|------|-------|-------|-------|--------|-------|
| Max. Load | 40A  | 30A   | 18A   | 0.5A  | 1A     | 2A    |
| Min. Load | 0.3A | 0.3A  | 0A    | 0A    | 0A     | 0A    |
| Load Reg. | ±5%  | ±5%   | ±5%   | ±10%  | ±10%   | ±5%   |
| Line Reg. | ±1%  | ±1.5% | ±1%   | ±2.4% | ±1%    | ±1%   |
| Ripple    | ±1%  | ±1.5% | ±0.8% | ±3%   | ±1.25% | ±1%   |
| Noise     | ±1%  | ±1.5% | ±0.8% | ±3%   | ±1.25% | ±1%   |