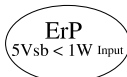


PS/2 AC Input ATX Type

ACE-A160A

600W PS/2 ATX Power Supply with ErP



Ordering Information

| Part No. | Description |
|---------------|--|
| ACE-A160A-R10 | 600W AC-DC PS/2 ATX Power Supply with ErP, Meet 80 PLUS (Bronze) |

Specifications

| Input | Voltage | 90~265 VAC Full Range | | |
|---|--|--|-----------|----------------|
| | Frequency | 47~63Hz | | |
| | Input Current | 10A(RMS)@115VAC, 5A(RMS)@230VAC | | |
| | Inrush Current | 40A max for 115VAC 80A max for 230VAC | | |
| Output | Voltage | Min. load | Max. load | Ripple & Noise |
| | +3.3V | 1.5A | 25.0A | 50mV |
| | +5V | 1A | 25.0A | 50mV |
| | +12V1 | 1A | 16.0A | 120mV |
| | +12V2 | 1A | 16.0A | 120mV |
| | +12V3 | 1A | 16.0A | 120mV |
| | +12V4 | 0.5A | 16.0A | 120mV |
| | -12V | 0A | 0.5A | 120mV |
| | +5VSB | 0A | 4.0A | 50mV |
| | Maximum continuous combined load on +3.3VDC and +5VDC outputs shall not exceed 150watts. | | | |
| Maximum continuous total DC output power should not exceed 600W | | | | |
| Over Voltage Protection | 5V: 5.7V-6.5V 12V1 ~ 12V4: 13.3V-16.7V 3.3V: 3.9V-4.5V | | | |
| | Short Circuit Protection | +3.3V, +5V, +12V1, +12V2, +12V3, +12V4, 24V or -12V shutdown and latch off | | |
| | | | | |
| General Specifications | Watt | 600W | | |
| | PFC | Active | | |
| | Hold-up time | 16 ms Min. | | |
| | Efficiency | 85% | | |
| | MTBF | 100000 hours | | |
| | Temperature | Operating: -5°C ~ 50°C Storage: -40°C ~ 80°C | | |
| | Dimensions | 140 x 150 x 86 (mm) | | |
| | Output Connector | 1 x 20+4-pin ATX, 1 x 4-pin 12V CPU, 9 x HDD/CDROM, 2 x FDD, 2 x SATA, 1 x Extra +5V (P10) | | |

Dimensions (Unit: mm)

| REF. ID. | PIN NO. | SIGNAL | WIRE COLOR | CABLE LENGTH |
|----------|---------|-------------|------------|--------------|
| P1 | 1 | +3.3VDC | ORANGE | 400±15mm |
| | 2 | +3.3VDC | ORANGE | |
| | 3 | COM | BLACK | |
| | 4 | +5VDC | RED | |
| | 5 | COM | BLACK | |
| | 6 | +5VDC | RED | |
| | 7 | COM | BLACK | |
| | 8 | PW-OK | GRAY | |
| | 9 | +5Vsb | PURPLE | |
| | 10 | +12V3 | Yel/Blue | |
| | 11 | +12V3 | Yel/Blue | |
| | 12 | +3.3VDC | ORANGE | |
| | 13 | +3.3VDC | ORANGE | |
| | 14 | +3.3V Sense | BROWN | |
| | 14 | -12VDC | BLUE | |
| | 15 | COM | BLACK | |
| | 16 | PS-ON | GREEN | |
| | 17 | COM | BLACK | |
| | 18 | COM | BLACK | |
| | 19 | COM | BLACK | |
| | 20 | -5V | WHITE | |
| | 21 | +5VDC | RED | |
| | 22 | +5VDC | RED | |
| | 23 | +5VDC | RED | |
| 24 | COM | BLACK | | |
| P2 | 1 | COM | BLACK | 400±15mm |
| | 2 | COM | BLACK | |
| | 3 | COM | BLACK | |
| | 4 | +5VDC | RED | |
| P3 | 1 | COM | BLACK | 500±15mm |
| | 2 | COM | BLACK | |
| | 3 | +12V1 | YELLOW | |
| | 4 | +12V1 | YELLOW | |
| PA | 1 | +3.3VDC | ORANGE | 400±15mm |
| | 2 | COM | BLACK | |
| | 3 | +5V | RED | |
| | 4 | COM | BLACK | |
| | 5 | +12V3 | Yel/Blue | |
| PB | 1 | +3.3VDC | ORANGE | 155±10mm |
| | 2 | COM | BLACK | |
| | 3 | +5V | RED | |
| | 4 | COM | BLACK | |
| | 5 | +12V3 | Yel/Blue | |
| PI | 1 | +12V4 | Yel/White | 400±15mm |
| | 2 | COM | BLACK | |
| | 3 | COM | BLACK | |
| | 4 | +5V | RED | |
| PJ | 1 | +12V4 | Yel/White | 155±10mm |
| | 2 | COM | BLACK | |
| PK | 1 | +5V | RED | 150±10mm |
| | 2 | COM | BLACK | |
| PL | 1 | +5V | RED | 400±15mm |
| | 2 | COM | BLACK | |
| | 3 | COM | BLACK | |
| | 4 | +12V4 | Yel/White | |
| PM | 1 | +12V2 | Yel/Black | 155±10mm |
| | 2 | COM | BLACK | |
| | 3 | COM | BLACK | |
| | 4 | +5V | RED | |
| PN | 1 | +12V2 | Yel/Black | 150±10mm |
| | 2 | COM | BLACK | |
| | 3 | COM | BLACK | |
| | 4 | +5V | RED | |
| PH | 1 | +5V | RED | 150±10mm |
| | 2 | COM | BLACK | |
| | 3 | COM | BLACK | |
| | 4 | +12V2 | Yel/Black | |

