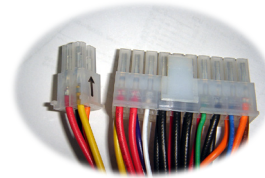


ACE-850AP

The perfect match of PICMG 1.3 Form Factor

New Version 20+4 PIN POWER SUPPLY



20+4 pin ATX power connector



Feature

1. High efficiency 20+4 PIN design for 20/24 PIN ATX power connectors.
2. Short circuit protection on all outputs
3. Extra P10 (+5V) Connector for most high-power requirement
4. Built-in ball bearing cooling fan

Specification



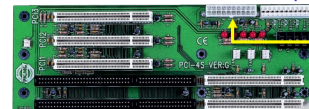
- ◆ Input: 95C AC-264V AC Full range
- ◆ Output Rating:
ACE-850AP

Nominal	Regulation	Ripple/Noise	Min.	Max.
+3.3V	-4% +5%	50mV	0.4A	27A
+5V	-4% +5%	50mV	3A	29A
+12V CPU	-4% +5%	120mV	1A	18A
+12V I/O	-4% +5%	120mV	1A	18A
-5V	-/+ 10%	120mV	0A	0.3A
-12V	-5% +9%	120mV	0A	0.8A
+5VSB	-4% +5%	50mV	0A	2A

Total output of +3.3V and +5V shall not exceed 150W
+3.3V, +5V and +12V total output power max is 478W

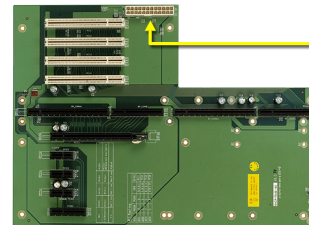
- ◆ Hold-up Time: 18ms min.
- ◆ Efficiency: 63%
- ◆ Protection: Over voltage/Load protection and short circuit protection
- ◆ Altitude: 0~10,000 ft
- ◆ TTL signal compatible power good signal.
- ◆ MTBF: Minimum 100,000 hours at 25°C
- ◆ Vibration: 10-55Hz at 2G-3min. period, 30 min. along X, Y and Z-axis.
- ◆ Shock: 10G for 11ms once on each X, Y and Z-axis.
- ◆ Built-in cooling fan .
- ◆ Safety: UL 1950, CSA 22.2 level 3, TUV EN 60950 ,meets CE .
- ◆ EMI: FCC parts 15 class "B" CISPR 22 level "B". Active PFC, complies with EN 61000-3-2
- ◆ EMS : EN 50082-1 (1997) IMMUNITY STANDARD .
- ◆ Operation Temperature: 0~50°C
- ◆ Storage Temperature: -20~80°C
- ◆ Power Connectors :
4pin ATX-12V x 1
Extra +5V (P10) x 1
HDD or CD-ROM x 9
SATA x 2

PICMG1.0 Form Factor Backplane



20+4 pin ATX power connector

PICMG1.3 Form Factor Backplane PE-10S/6S



Ordering Information

Part No.	Description
ACE-850AP-RS-24	20+4 PIN 500W ATX Power Supply with PFC Function



Headquarters
IEI Technology Corp.
 TEL : +886-2-86916798
 FAX : +886-2-86160028
 Email: sales@ieiworld.com
 http://www.ieiworld.com
 Address: No. 29, Jhongsing Rd.,
 Sijhih City, Taipei County, 221, Taiwan

America-United States
IEI Technology USA Corp.
 TEL : +1-562-690-6677
 FAX : +1-562-690-0898
 Email: sales@usa.ieiworld.com
 http://www.usa.ieiworld.com
 Address: 515 N Puente St. Brea,
 CA 92821

China
Armorlink SH Corp.
 TEL : +86-021-54429000
 FAX : +86-021-54429100
 Email: sales@ieiworld.com.cn
 http://www.ieiworld.com.cn
 Address: No 515, Shenfu Road,
 Minhang District, Shanghai, China