

## “Sea Sonic Electronics announces EPS 1U models”



### Features:

Specification compliance: EPS 1U  
 Super high efficiency  
 PFC harmonics 0.99 typical;  
 Compliance: EN61000-3-2+A1+A2  
 EMI/RFI compliance: CE, C-tick & FCC part 15 class B  
 Safety compliance: TUV, C-UL & CB

**SS-250EPS1UA, SS-250EPS1UB, SS-250EPS1UC**

Taipei, Taiwan-April, 2002 Sea Sonic Electronics now extends its 1U series with new EPS models. The entire Seasonic 1U series perform with super high efficiency and reliability for industrial level. Seasonic EPS 1U models include three different types—A, B and C as well as EPS 24 pin and 8 pin connectors for 250w usage. The EPS 1U samples are available now for delivery.

The Seasonic 1U series has one of the highest efficiency compared to the competition. This high efficiency reduces the thermo issues encountered by the low profile 1U form factor. Additional advantages are listed below:

### ✓ **3-in-1:**

1. Meets Intel EPS 1U Power Supply Design Guide v1.1
2. Applicable to Intel Prestonia dual CPU.
3. Active PFC (Power Factor 0.99 typical)

### ✓ **Tested and proven quality and design:**

Since early Q4 2000, Seasonic has shipped well over 1.5 million units of Active PFC power supplies. This volume has enabled Seasonic to prove the quality and design of the power factor circuit and power supply unit itself. In addition, Active Power Factor Correction offers quality and performance far surpassing that of the Passive units. For further information, visit the Seasonic website at: [www.seasonic.com.tw](http://www.seasonic.com.tw).

### ✓ **Super high efficiency for industrial level and low profile applications (76% typical):**




To meet the severe industrial requirements, Seasonic 1U series is designed to perform at a high efficiency of 76% in this low profile form factor as a solution to the thermo issues, and this is far surpasses similar products in the market.

### ✓ **Built- in high reliability (MTBF) ball bearing fan made by Nidec Japan:**

In order to fulfill the demand of quality, Seasonic 1U series adapts ball bearing fan rather than traditional sleeve fan to ensure higher reliability and longer MTBF. Fans are produced by Nidec Japan and are well known for their low noise, long life-time, and high performance in terms of higher air-flow than does traditional ones. To ensure the best performance and improve efficiency, Seasonic 1U series has built-in high performance ball bearing fan from Nidec.

### ✓ **Remote sensor on 3.3V to keep from rush voltage drop.**

### ✓ **Multiple variations to form factor for fitting to different 1U chassis:**

		
A type: with AC inlet and output cable	B type: with extended AC line and output cable	C type: with AC inlet, cool swap connector, and passive back panel (for OEM/ ODMs only)
	High flexibility to fit into different chassis. Easily adapt into any types of AC inlets according to customers' needs.	Easy maintain cool swap design. With LED light for power good signal.

Sea Sonic Electronics Co., Ltd., a Taiwan based designer and manufacturer of switch mode power supplies has more than 25 years of experience in the PC market. Sea Sonic has branch offices in Europe & USA and production facilities in China and Taiwan.

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