



500W-1U-HE

500W-1U-HE 500W HE 1U Industrial Power Supply



Overview - 500W HE 1U Power Supply

The 500W-1U-HE power supply provides robust power output for your server, workstation, or storage system needs in the 1U form. Built with high-quality capacitors and transformers, this 500W HE 1U power supply operates reliably and efficiently, always delivering clean, stable, and continuous power. As with all of our industrial power supplies, Short Circuit, Over Power, Over Current, and Over Voltage Protection are all standard features. This power supply was designed with efficiency in mind, providing 80% at 115V - high efficiency power supplies also give off less heat, making your system cooler and quieter.

Active PFC

This PSU is designed with Active PFC (Power Factor Correction). Active PFC automatically corrects for AC input voltage, and supports a full range of input voltage.

Operate in Warm Industrial Environments

High quality components result in a power supply which operates up to 50°C. Most commercial power supplies off the shelf can not safely claim the same. Providing maximum safety to the critical components in your system is the priority.

- Temperature Range: Operating 0°C ~ 50°C, Storage -20°C ~ 80°C
- Hold Up Time: 16ms Minimum At Full Load & Normal Input Voltage
- Efficiency: 80% Typical AT 115V, Full Load
- Power Good Signal: On Delay 100ms to 500ms, Off Delay 1 ms
- Over Power Protection
- Over Voltage Protection

- Over Current Protection
- Short Circuit Protection
- EMI Noise Filter: FCC Class B, CISPR22 Class B
- Safety: To Meet UL, CUL, TUV, CCC
- 3.3V/5V Remote Sensing
- Cooling: One 40mm DC Fan
- Active PFC Meet IEC-1000-3-2 Class

Output Voltage	Output Current Min.	Output Current Max.	Regulation Load	Regulation Line	Output Ripple & Noise Max.[P-P]
5V	0.5	25	± 5%	± 1%	50mV
12V	2	40	± 5%	± 1%	120mV
-12V	0	0.8	± 5%	± 1%	120mV
3.3V	0.5	25	± 5%	± 1%	50mV
+5VSB	0.1	3.5	± 5%	± 1%	50mV