



Ecopac Power is pleased to announce the availability of the cutting-edge MEAN WELL EPP-500 series

The **EPP-500 series** is a powerful and compact 500-watt open frame power supply that is set to redefine industry standards. With its high-power density and advanced features, it is a significant addition to our range of open frame power supplies.



At the heart of this power supply is an impressive 500 watts of output power. The **EPP-500 series** offers exceptional performance with 25CFM forced air cooling, enabling it to deliver 320 watts even under free air convection conditions. Its operating temperature range of -30°C to +70°C ensures reliable performance in various environmental conditions, while the no load power consumption of less than 0.5W demonstrates its energy-efficient design.

One of the notable attributes of the MEAN WELL **EPP-500 series** is its remarkable efficiency, boasting an impressive 94% rating. Additionally, it incorporates a 5 Volt and 12 Volt dc/0.5A auxiliary power to cater to various auxiliary device requirements. Moreover, this open frame power supply is engineered to function at altitudes of up to 5000 meters, making it suitable for diverse applications.

Designed with versatility in mind, the **EPP-500 series** is compatible with both Class I (with FG) and Class II (no FG) installations. This adaptability allows it to be seamlessly integrated into enclosures made of plastic or metal. With universal inputs of 80 – 264VAC and voltage output options ranging from 12v to 54v, this power supply can cater to a wide array of industrial and electronics equipment.

MEAN WELL has designed the **EPP-500 series** to prioritize safety and reliability. The power supply incorporates a range of protection features, including short circuit, overload, over voltage, and over temperature protections. Furthermore, it comes equipped with built-in power good and power fail signals, as well as remote sense functionality.

The **EPP-500 series** complies with international safety standards, including TUV EN62368-1, UL62368-1, IEC62368-1 CUL/EAC/CB, and CE ITE. With such certifications, this power supply guarantees adherence to strict quality and safety requirements.

This feature-packed 500 watt open frame power supply is well-suited for a wide range of applications, including industrial electronics equipment, electromechanical instruments, factory automation systems, and any application that requires low standby power consumption.

In conclusion, the MEAN WELL **EPP-500 series** stands as a testament to Ecopac Power's commitment to providing our customers with the latest and most reliable power supply solutions. With its high performance, exceptional efficiency, and comprehensive safety features, this 5" by 3" open frame power supply is ready to power the innovations of today and tomorrow.

Please call 01844 204430 or email info@ecopacpower.co.uk for more information