

**Astrodyne TDI**

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## **New Medical Grade Multi-Output Low Power System**

**Hackettstown, NJ – February 2023** – Astrodyne TDI, a global developer, and manufacturer of power conversion and EMI/EMC solutions, has expanded the ASX series of Multi-Output Power Supplies with the release of the ASX0550 Multi-Output Power System for medical applications. The ASX0550 is part of Astrodyne TDI's first series of standard power systems, designed to distribute controlled power to various equipment in a smart or connected surgical center. This new multi-output solution provides 20 electronically controlled and monitored 2.2A outputs (combined max. 550W) via an RS-232.

This unique power system solution by Astrodyne TDI features a 1U rack mount configuration that is Class I input, with 2MOPP isolation and BF leakage current protection. It also operates over the input voltage range of 90 to 264VAC at 50-60Hz frequency and delivers up to 1100 Watts of regulated DC output power.

The ASX0550 is certified to the latest safety standards, including IEC 60601-1-1 3rd edition for medical applications, and complies with 60601-1-4th edition for electromagnetic compatibility. It can operate at temperatures between -20°C and +50°C at full load and includes overcurrent, over-voltage, and short circuit protection.

For additional information about the new ASX0550 contact our team today.

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### About Astrodyne TDI

Astrodyne TDI designs and manufactures innovative power solutions for demanding applications worldwide. The company's products include power supplies and EMI filters for industrial, semiconductor manufacturing, medical, consumer appliance, military, and aerospace markets. With over 60 years of power supply design experience, Astrodyne TDI is headquartered in Hackettstown, NJ, and has engineering and manufacturing centers in the USA and China. For more information, visit [www.AstrodyneTDI.com](http://www.AstrodyneTDI.com).

