

CUSTOM POWER DISTRIBUTION SOLUTIONS

Astrodyne TDI designs and manufactures **Custom Power Distribution Units (PDUs)** to support critical applications in the Medical, Semiconductor Capital Equipment and Industrial Markets. With over 60 years of Power Supplies and EMI Filtering expertise, Astrodyne TDI can leverage broad capabilities to bridge the gap between value adding integration and power solutions.

The primary function of a Power Distribution Unit is to control and distribute reliable electric power to various downstream equipment. Custom PDUs offer effective and efficient implementation of safety features, remote communication, and output monitoring and control, all while reducing foot print.

The Astrodyne TDI team can help you reduce design and assembly time by providing a unique Power Distribution Solution that meets your power distribution and control needs.

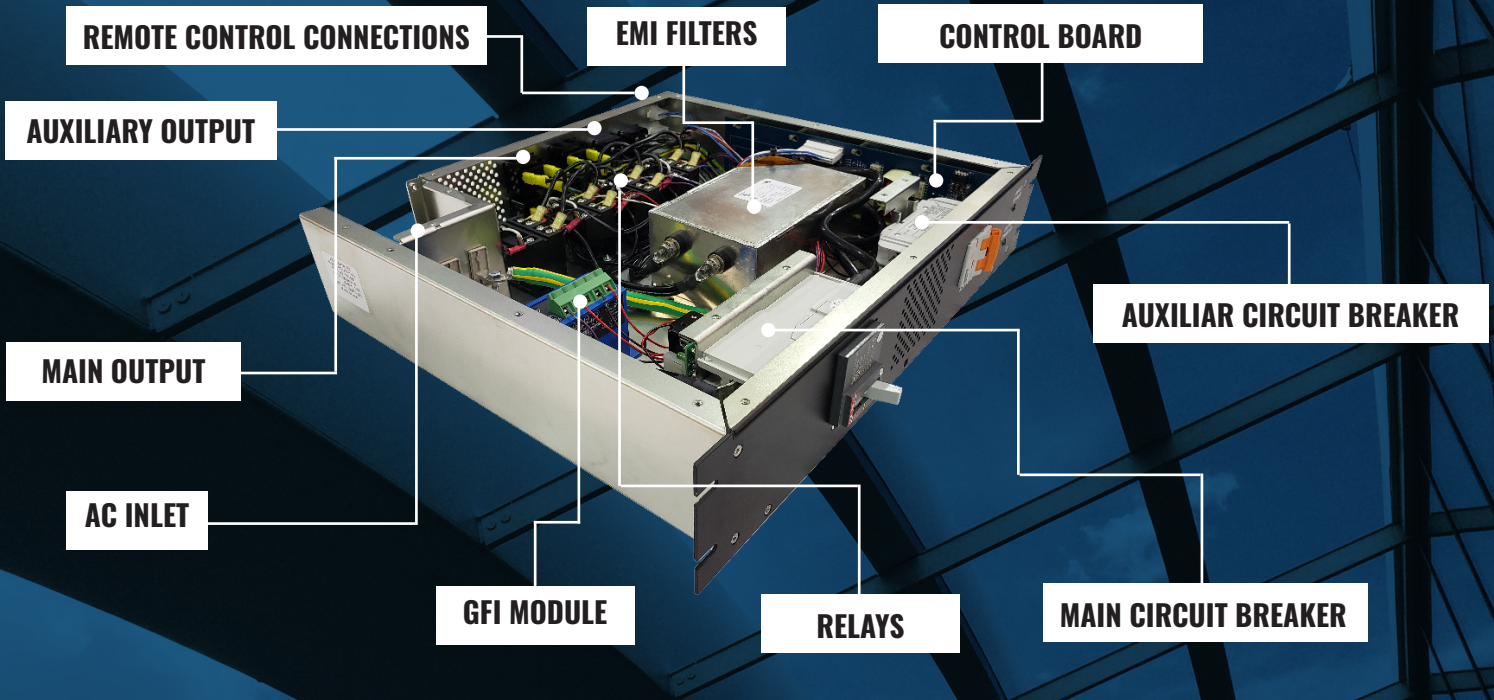


ADVANTAGES OF ASTRODYNE TDI PDUs

- ✓ Over 60 years of power and EMI filter experience in the medical, industrial and semiconductor capital markets
- ✓ EMI filters and power supplies designed and manufactured in-house
 - ✓ **Improved lead times**
 - ✓ **Optimized designs**
 - ✓ **Cost savings**
- ✓ Custom PCBs for control and distribution
- ✓ Variety of safety features available, including GFI, EMO, system locks, and welded relay protection
- ✓ Built-In remote interphase for connectivity

COMPONENTS

Filters | Surge Protection | Transformers |
Circuit Breakers | Power Connectors | Fuses
Indicators | EMO | Power Supplies



AC-DC, AC-AC, DC-AC POWER CONVERSION & BATTERY BACKUP INTEGRATIONS AVAILABLE

IN-HOUSE CAPABILITIES

- » Input Power Conditioning
- » Emergency Stop
- » Isolation Transformers: Delta/Wye to 208V/120V
- » Neutral & Earth Bus
- » EMI filters
- » Power Line Protection-Surge & Transient Protection
- » Back-Up Power
- » Switchgear: Contactors/Circuit Breakers/Power Outlets
- » Auxiliary & Low Power Units
- » Communication
- » Fault Detection & Annunciation

