

CUSTOMIZED INDUSTRIAL GRADE POWER SYSTEMS

Utilizing the extensive range of **MERCURY POWER MODULES** TDI Power can efficiently create customized power systems for a wide range of industrial applications.



Features:

- With input voltages ranging from 24VDC up to 275VAC and outputs from 12V up to 400V (AC or DC) virtually any system can be “configured”
- Multiple modules enable scalable solutions with or without redundancy as required.
- Module power ratings from 800W up to 4.3kW ensure solutions can cover a wide range of overall power demands
- Hot Swap power modules ensure easy maintenance and assures low MTTR (mean time to repair) - in some instances just a few seconds.
- Industry leading reliability 100% HASS tested



Systems can be easily enhanced by including additional Function including:

- AC input circuit breakers
- Customized load connections
- Batteries to provide resilience to AC power loss
- Additional power line protection to cope with extreme levels of disturbance

Applications Include:

- Semiconductor fabrication, packaging and test systems
- Process control

CUSTOM INDUSTRIAL GRADE POWER SUPPLIES

Custom power solutions can readily be designed using “MERCURY” POWER CIRCUITS along with customer specific circuits and enclosures.



Solutions can include:

- Multiple output voltage
- Dedicated customer interfaces
- Special features such as servo motor drives
- AC outputs
- CANBUS, Ethernet, RS485 or virtually any other control interface
- Customer specific packaging and fixings
- Air filtering to cope with airborne contaminants

Applications Include:

- Process control
- Semiconductor manufacturing, packaging, and test systems

Agency Compliance:

All TDI Power products are UL and CE compliant. Industrial products can meet additional requirements including:

- Factory Mutual
- Hazardous location
- SIL 3