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Custom Power Supply Development and Production Capabilities

- AC/AC Power supplies and power systems (including Ballasts) for Industrial, Medical and Commercial Applications
- AC/DC Power Supplies for and power systems for Industrial and Commercial Applications
- AC/DC Power Supplies for and power systems
- DC/DC Power Supplies for and power systems for Industrial, Medical and Commercial Applications
- AC/DC and DC/DC Charging systems for stationary and mobile systems
- High Voltage DC-DC and AC-DC power supplies for Industrial and Medical Systems
- Ultra wide temperature range power supplies from -40 ~ +80° C
- Redundant, Hot-Swappable
- Battery Packs*
- ** Special Mechanical and Connection options **



GlobTek - Northvale **Facility**

15 Electrical Engineers with more than 15 years of combined experience 1 Mechanical and

- **Documentation Control**
- 1 Technical Coordinator
- 1 Safety/Regulatory Coordinator



Group 1

- 3 Electrical Engineers with more than 15 years of combined experience
- 1 PCB Layout Engineer

2 Engineering Groups

- 1 CAD Engineer
- 1 Engineering Technician
- 1 Material Engineering Technician

GlobTek - China Facility



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Group 2

- 3 Electrical Engineers with more than 15 years of combined experience
- 1 PCB Layout Engineer
- 1 CAD Engineer
- 1 Engineering Technician
- 2 Material Engineering Technicians



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Custom Power Supplies

GlobTek brings to power supply design and production the same skills and advantages that have made us number one customer's choice for over 25 vears. Our vertical integration, highly efficient facilities, and steadfast obligation to quality and service excellence have enabled us to provide highvalue custom engineered power supplies to many satisfied customers.

GlobTek engineers, designs, and manufactures both standard and customized AC-AC, AC-DC, DC-DC power supplies. Our designs fulfill power requirements ranging from 5 watts to 2 kilowatts. GlobTek's greatest advantage is our pledge to serving our customers. Recognizing your need to lower costs and get products to market faster, our team delivers your solution on time and on budget.

GlobTek can meet vour most challenging requirements. Our custom design and manufacturing process starts with our in-house engineering staff, all of which have extensive experience in power supply engineering, high voltage applications, and project management. Our design team is equipped with the most sophisticated computer design and analysis tools available. We will work according to your specifications, or work jointly with you to develop a specification for your product.



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GlobTek's design team works integrally with our customers to prepare custom product for prototyping and manufacturing. GlobTek's modern facilities host production projects from large OEM runs to small lots for special applications. Our devoted areas for R&D and prototyping permit GlobTek to offer unparalleled flexibility in bringing customer requirements to realization.

GlobTek's production capabilities allow for extreme flexibility in compliance with customer's special requirements.

With wholly owned and managed manufacturing facilities in New Jersey, USA and Suzhou, China GlobTek can easily provide what other power supply manufacturers may consider "above and beyond a power supply." GlobTek can provide special manufacturing processes, special testing programs, special mechanical and electrical design, custom packaging, as many other customer request's.





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In-House Engineering Capabilities

EMC Tests

- Conducted FMI
- Electrostatic Discharge Test per EN 61000-4-2
- Line Surge Test per EN 61000-4-5
- Electrical Fast Transient Test per EN 61000-4-4
- Voltage dips, short interruptions and voltage variations immunity tests per EN 61000-4-11

Safety Tests

- Earth Leakage Test
- Enclosure Leakage Test
- Dielectric Withstand Test
- Elevated Temperature Test Up to 150C
- Sub zero Temperature Test Down to -50C
- Ground Continuity Test
- Earth Bonding Test









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