

CAPABILITIES STATEMENT



NAICS CODE

335312

Design and production of specialized, high-reliability motors and generators for aerospace, defense, and industrial applications.

335311

Development of advanced power conversion and transformer systems for mission-critical environments.

334419

Custom electronic modules, assemblies, and subsystems including RF, power, and thermal management solutions.

QUALITY & COMPLIANCE

- ISO 9001 QMS
- AS9100 Aerospace QMS
- ITAR Registered
- Design & Qualified to MIL-STD
- Design & Qualified to DO-160

COMPANY OVERVIEW

Digital Power Corporation (DPC), headquartered in San Jose, California, specializes in customer-engineered power solutions for demanding defense, aerospace, satellite, industrial, and advanced-technology applications.

Working closely with clients from concept through qualification and full-scale production, DPC designs and manufactures application-specific power conversion, RF, and thermal-management solutions engineered to meet rigorous electrical, mechanical, environmental, and mission constrain requirements.

With ISO 9001 and AS9100 certifications and ITAR registration, DPC combines deep engineering expertise with proven manufacturing capabilities to deliver rugged, reliable solutions for mission-critical systems where standard off-the-shelf products cannot meet the application's requirements.

MISSION STATEMENT

Our mission is to deliver reliable, high-performance power and RF solutions for mission-critical defense, aerospace, medical, and advanced-technology applications. Through innovation, uncompromising quality, and close customer partnerships, we help ensure operational success in the most demanding environments.

DIFFERENTIATORS

Proven Expertise

50+ years of innovation and proven reliability since our founding in 1969.

U.S.-Based & ITAR Registered

Domestic design, prototyping, and production facilities with secure compliance.

Full Lifecycle Support

From initial concept to onsite integration and troubleshooting, we stay engaged.

Trusted Partnerships

A trusted and reliable supplier to Tier-1 defense primes and leading OEMs across a broad range of industries.

Advanced Technologies

Cutting-edge designs featuring N+1 redundancy, active power sharing and rugged IP67 rated protection.



CORE COMPETENCIES



High-Efficiency Power Systems

High-density AC/DC and DC/DC power solutions engineered for superior efficiency and performance.



Rugged & Compliant Solutions

Military, medical-grade and industrial power supplies designed to meet applicable reliability and regulatory.



End-to-End Integration

Comprehensive support from initial concept and design through qualification and full-scale production.



Intelligent Power Management

Advanced redundancy, active load sharing, digital signal processor (DSP) control, diagnostics, and intelligent power management.



Microwave and Signal Expertise

High-performance, low-phase-noise oscillators and advanced microwave modules for EW and radar signal applications.



Accessory Ecosystem

Application-specific system architectures, integrated harnesses, relays, connectors, and accessory kits designed to support seamless system integration and deployment.

REPRESENTATIVE PRODUCTS



Tactical vehicle DC-DC boost/buck converters and power management distribution systems.



Gyro-positioning INS/GPS power systems for fighter aircraft, UAVs, and armored vehicles.



Rugged tactical UPS for command-and-control and UAV platforms.



Microwave signal sources and YIG tuned oscillators for radar and EW systems.



Custom broadband network power systems and industrial / data-center power solutions.



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