



DGCC Series

# Capacitor Charging Power Supplies

For Laser, Medical, and Industrial Pulsed-Energy Systems

High-performance capacitor chargers engineered for precision, reliability, and fast-pulse energy delivery.

The DGCC Series delivers fast charging, high efficiency, and precise voltage control for demanding pulsed-energy applications. Its modular architecture, broad power range, and worldwide safety certifications make it an excellent choice for OEMs building medical, aesthetic, and industrial systems that require reliable, repeatable, and tightly regulated energy delivery.


## Key Features

- Fast, consistent capacitor charging for high-repetition pulsed systems
- Wide output range: 50V–1kV, 500W–6000W
- High efficiency (up to 88%) for reduced heat and stable performance
- Fully isolated input-to-output — safe for direct AC line connection
- Power factor correction (0.99)
- Low ripple, low noise, and rapid response
- Configurable end-of-charge indication for precise control
- Customizable voltage and power outputs for OEM integration
- Compact modular architecture
- Internal fan cooling for reliable thermal performance

## Applications

- Surgical & medical lasers
- Aesthetics & dermatology systems
- Flashlamp-pumped lasers
- Pulsed UV curing systems
- Sterilization equipment
- Industrial pulsed-energy devices

For quotes and customization requests, please contact  
Digital Power Corporation at

 (877) 634-0982