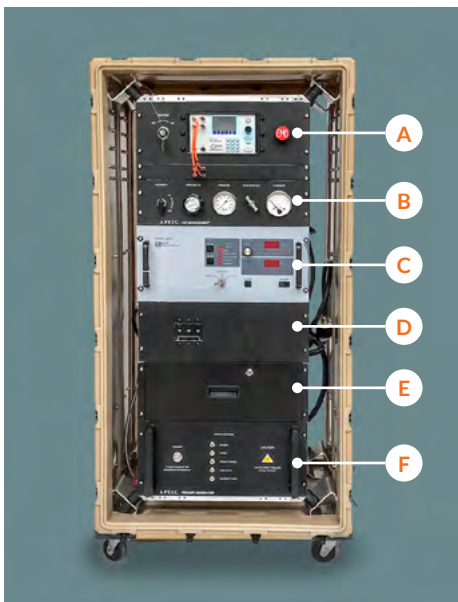


APELC offers fully integrated power and control units to deliver a turnkey package for our pulsed power systems.

Each rack provides emergency stop/interlock/power control, timing control, high-voltage power supply/capacitor charger, trigger generator, and gas control. The specific configuration of any given rack is based upon the Marx Generator it controls and the customer's specific applications.

Design

- Marx and peaking pressure
- Flow metering and control
- Constant-voltage/constant-current power supply
- High/low repetition rate trigger generator
- Remote control via handheld or computer



Example ICPU Rack Components

- A: EMO Panel and Delay Generator
- B: Gas & flow control
- C: Model 802L 8kW capacitor-charging power-supply
- D: Circuit breaker
- E: Storage
- F: Trigger generator