

# Sweet Spot

## The CPN Power 300 kVA UPS is the **Sweet Spot** Size for Diagnostic Imaging and Radiation Therapy Applications.

The 300 kVA UPS typically supports 4-6 suites in hospitals, imaging centers, medical office buildings, ambulatory facilities, or cancer centers.

- 95% UPS efficiency when operating at 20-25% load
- 100,000 hours MTBF (11.4 years)
- Low reflected current harmonics
- 15-year design-life capacitors
- 3 year UPS warranty
- 0.99 input power factor, 1.0 unity output PF, 1-to-1 generator sizing
- 1% voltage regulation during a 100% step load and 2% voltage regulation during a 150% step load
- The lowest "Total Cost of Ownership" UPS solution on the market today

With over 30 years of experience specific to diagnostic imaging applications, CPN Power is the right partner when UPS protection is required for diagnostic imaging applications!



**CPN**  **POWER**

800-491-1210

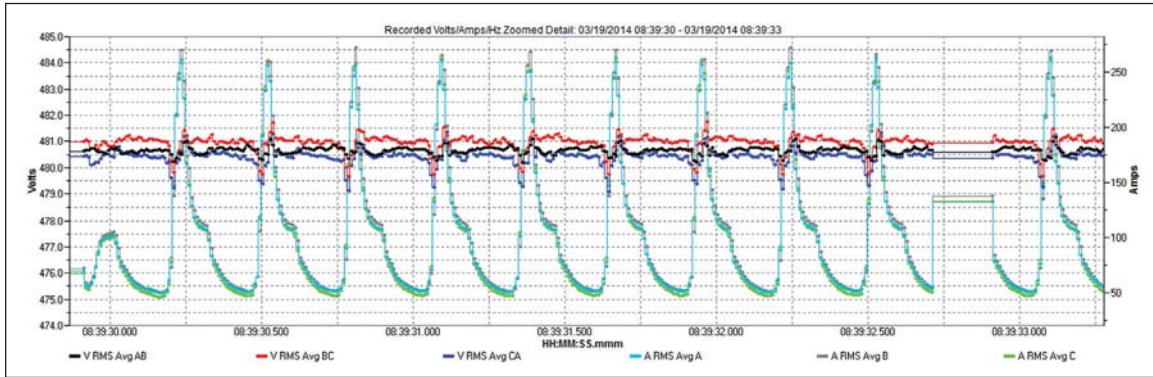
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**300 KVA UPS, LANDING CABINET,  
MAINTENANCE BYPASS CABINET,  
AND BATTERY CABINET**

# CPN Power is the market leader in the application of Central UPS for multi-modality and multi-vendor diagnostic imaging and radiation therapy applications.

In fact, CPN Power pioneered the Central UPS approach 12+ years ago. Being the market leader, CPN Power has gathered an enormous amount of load diversity data relating to diagnostic imaging equipment installations.



The image above displays the operation of a 1.5T MRI and a 3T MRI supported on the output of a CPN Power Central UPS. The image displays an initial base load of 70A with peak current activity exceeding 260A over the 3 second time period of the load profile observed.

The CPN Power UPS provides better than 0.25% voltage regulation during the extreme peak momentary pulsing current inrush associated with MRI applications and diagnostic imaging applications in general.

## Typical 300 kVA Diagnostic Imaging UPS Electrical One-Line Diagram

