

CNS 653 is the perfect power solution for mid-tier point-of-contact ultrasound workhorse

INDUSTRY**Medical Imaging****SOLUTION****CNS 653****EQUIPMENT****Ultrasound****CHALLENGE**

The customer needs an AC-DC power supply at a medium level of power at 650 Watt over a wide range of AC input, providing a 24 V output & 5 V standby for their next generation mid-tier Ultrasound unit. The system was expected to perform 24/7 in a variety of clinical settings therefore reliability and performance were key factors.

IEC 60601-1 Medical Safety and a proven, reliable AC-DC power supply was needed with the safety of long-lasting power delivery.

SOLUTION

The solution proposed by the AE team was the standard CNS 653, an open frame, forced air unit which offers a perfect price-performance ratio. Each power supply comes with a 12 V fan output and 5 V standby. All models feature ITE and medical safety approvals and accept a universal input of 90 to 264 VAC.

Fulfilling the customer needs of a reliable power supply and the availability of the product for years to come was a huge factor in why AE secured this project. Evaluation on customer site was performed with trial unit.



CONCLUSION / RESULT

The team at Advanced Energy was able to deliver a trial unit very quickly which decreased the time the customer needed for testing. No modifications were needed, the basic standard power supply met all customer requirements at a very good price-performance ratio.

The blend of high product reliability, history of extraordinary service and product performance in combination with safety for future deliveries ensured the customer that AE was the best partner for powering this mid-tier point-of-contact Ultrasound unit.

The exceptional application support provided by the team at AE and ensuring the customer needs were 100% met with a standard product reconfirmed our reputation for highest standards in quality and reliability.



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