650-W Medical Power Supplies Approved to UL60601-1 3rd Edition

The PM650 Series' of AC/DC power supplies from Protek Power offers up to 700 W and is approved to the 3rd Edition of UL60601-1 and EN60601-1 medical safety standards. The units are also RoHS compliant. The series is appropriate for a variety of medical and dental applications, including patient vicinity medical devices. An ITE version of the Series is also available (PU650 Series). The PM650 Series accept a 90 V to 264 VAC universal input. Single output models have voltages ranging from 12 VDC to 48 VDC. A variety of dual and triple outputs are available with floating 3.3 VDC, 5.1 VDC, 12 VDC, 15 VDC, 24 VDC and 48 VDC configurations. Remote sensing is standard on output #1 and output #2. The units provide up to 350 W of power in convection cooled environments and up to 700W with forced air (user provided or select the optional cover and fan that does not add to the product size). The supplies also boast efficiencies greater than 80 percent, remote inhibit, power fail detection, and 4000 VAC input-output isolation voltage. Comprehensive protection circuitry, including overvoltage, thermal protection and short circuit protection, is inherent in the design. Conducted EMC performance meets Level B standards and units have an MTBF of 300,000 hours at full load.

Protek Power North America
978-567-9615, www.protekpowerna.com [1]

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