AC/DC power supplies offer 105 watts of power

The PMP105 Series of AC/DC power supplies from Protek Power offer 105 watts of performance packed design and are compliant to IEC60601-1 3rd Edition medical safety standards. Units are also RoHS compliant and meet the requirements of CEC and Energy Star Level V. This Series is ideal for a variety of medical or ITE applications, including patient vicinity medical devices.

Protek has been manufacturing medical power supplies for greater than 20 years and provides OEM designers of medical equipment cost effective, high quality solutions that ease their design and compliance testing efforts by being fully approved to the new 3rd edition standards.

The PMP105 Series accepts a 90-264VAC universal input. Class I or Class II versions are equipped with either a C14 or C18 inlet receptacle on the compact 5.76” x 2.96” x 1.54” 94V-1 rated case. Single output models have voltages ranging from 12VDC to 50VDC, or modified voltage requests can be accommodated.

The Series boasts high efficiency, leakage current of 200uA maximum at 264VAC, low ripple and noise, 4000VAC isolation, and a 0º to 60ºC operating temperature range (derate linearly from 40ºC to 60ºC). Comprehensive protection circuitry is inherent in the design. EMC performance meets Level B standards and units have an MTBF of 150,000 hours at full load.

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