

100W & 150W Fanless Medical Power Supplies with 2 MOPP



RECOM Power announces two new series of AC/DC power supplies designed for medical applications: the RACM100 and RACM150. These compact, high efficiency power supplies provide 100W or 135W maximum power in a semi-enclosed case without forced cooling while meeting two means of patient protection, a must for high-grade medical applications. The RACM150 is also available as /F version with fan to deliver up to 150W in the same package.

12V, 15V, 24V and 48VDC single outputs are provided from a universal 85-264VAC input. All models feature efficiencies up to 92%, require no minimum load and can be used at temperatures between -25°C and +80°C. The output voltages are fully regulated and have tolerances of less than $\pm 0.2\%$ over the entire input voltage range and less than $\pm 0.5\%$ over the entire load range. The space saving 3"x2" or 4"x2" modules offer 4KVAC reinforced isolation between input and output, 1.5kVAC between output and case, and also meet the requirements for medical applications with patient contact (2xMOPP, 8mm creepage & clearance, 250VAC working voltage).

The modules are approved to medical safety standard IEC / ES / EN60601-1 3rd Edition and feature B and BF rated outputs with less than 100 μ A leakage current. All models are compliant with Class B EMI to FCC, EN60601-1-2 and EN55022 standards and offer a 5 year warranty.

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Datasheets and additional information can be found on: www.recom-international.com