

Medical-certified 40W & 65W Power Supplies



RECOM extends its portfolio of medical-certified power supplies with two new series: the RACM40 and RACM65. Offering 40W and 65W of power respectively, these compact and highly efficient power supplies are available either as open-frame or in a semi-enclosed case. All modules of the RACM family are equipped with two independent protective measures for maximum patient protection (2xMOPP) - a must for safety in medical technology.

Both of the series operate with an input voltage range of 85 to 264VAC and deliver 5VDC, 12VDC, 15VDC, 24VDC and 48VDC output voltages, which can be trimmed over a $\pm 10\%$ range to meet the exact requirements of the application. All models feature efficiency of up to 93.5%, require no minimum load and can be used at altitudes of up to 5000m at temperatures between -40°C and $+85^{\circ}\text{C}$. 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. These space-saving 3"x2" modules offer 4kVAC reinforced isolation between input and output, 2.5kVAC between output and case, and also meet the requirements for medical applications with patient contact (2xMOPP @ 250VAC working voltage, 8mm creepage & clearance).

These modules are approved according to medical safety standard IEC/ES/EN-60601-1 3rd Edition and feature BF-rated outputs with less than $75\mu\text{A}$ leakage current. All models have a built-in Class B EMI filter and come with 5-year warranty.

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