MTM Power GmbH, the specialist for individual power supplies, offers in its extensive portfolio the AC/DC power supplies series CFM300M for medical applications. The devices comply with EN 60 601-1 "3rd edition" with 2 MOPP, as well as conducted emission requirements for EN 55011 and EN 55022 Class B.

The series offers smallest possible dimensions of 76.2 mm x 127 mm and an installation height of 28.1 mm; thus resulting in a high packing density. It is available with an output power of 300 W and the common single output voltages of 12, 24, 36 and 48 VDC.

The power supplies with an AC input of 90…264 VAC with active power factor correction (PFC meet EN 61000-3-2)) have an efficiency of up to 94 % and operate within a temperature range of -40 up to 80 °C (+40 °C with derating) without active cooling. The series is designed for PCB mounting; a covered version is also available. The devices are overvoltage, overtemperature, overcurrent as well as short-circuit protected. CFM300M series also offers a very low no load power consumption (<0.3 W) and extremely low leakage current (≤300 μA).

Enc.: Photo CFM300M

Mellenbach, August 2017/12

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