

REM60-W 60W DC/DC Converter



The REM60-W series of medical grade regulated DC/DC converters features reinforced 5kVAC/1minute isolation with low 4.5 μ A leakage (B, BF and CF compatible) and are 60601-1 3rd Ed. certified for 250VAC continuous working voltage isolation. The industry standard 2.3"x1.5" package offers tightly regulated single and dual outputs which can operate down to zero load. The outputs are also short circuit and overload protected. The converters are certified to IEC/EN and ANSI/AAMI standards and carry the UL mark.

Medical safety certifications include IEC/EN 60601-1 3rd edition as well as ANSI/AAMI ES60601-1 and CAN/CSA-C22.2 No. 60601-1:14 for the North American markets. The parts are also compliant with EN 60601-1-2 for EMI immunity for medical equipment. IEC/UL/EN 62368-1 certifications are also held for the IT/multimedia markets and EMC standards EN 55032 Class A and B can be met with a simple external filter. The REM60-W series is characterized for the operation to 5000m altitude and for a pollution degree 2 (PD2) environment. Reliability is also high at over 1Mhrs MTBF according to MIL-HDBK-217F, 25°C, Ground Benign conditions.

Main Features:

- Reinforced insulation for 250VAC working voltage
- Clearance and creepage distance >8.0mm
- 5kVAC I/P to O/P 2MOPP isolation
- 4.5 μ A maximum patient leakage current
- Industry standard pinout
- 4:1 wide input range

Datasheets and additional information can be found on: <https://recom-power.com>