

Medical-grade Product Series

DC/DC modules – REMxx Series

1W-30W



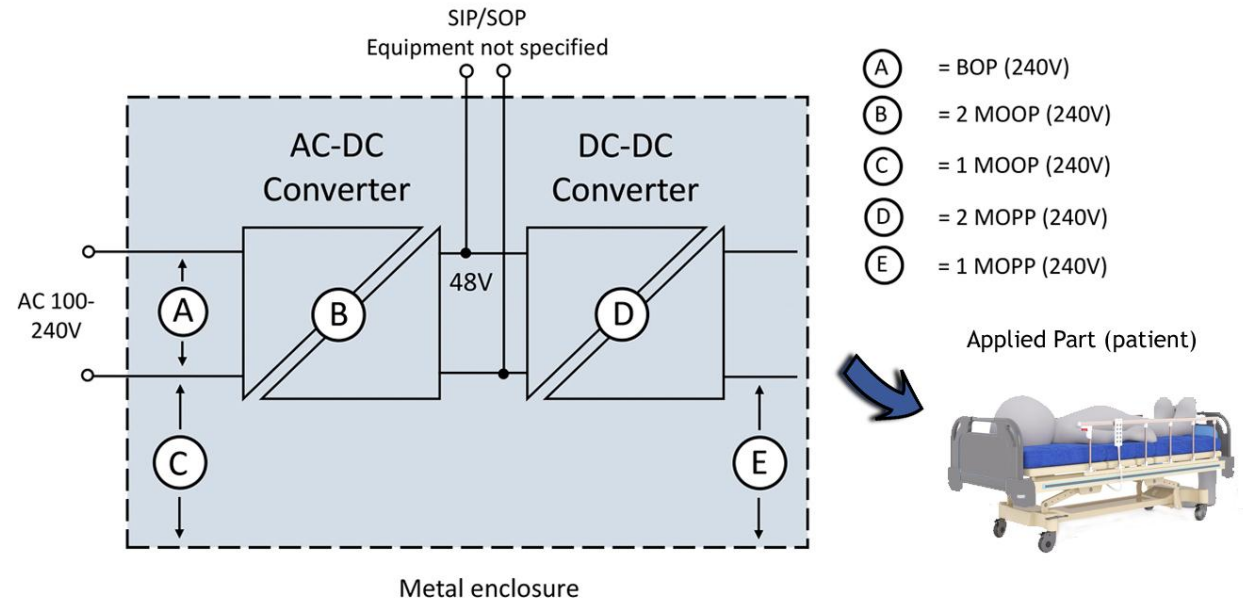
AC/DC modules – RACMxx Series

18W – 30W



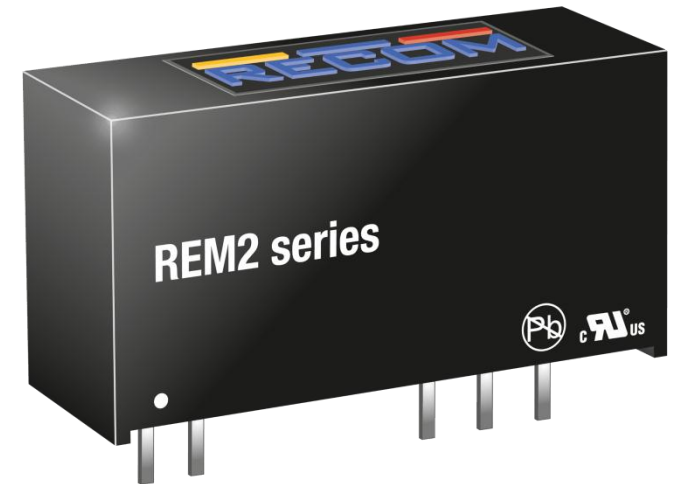
General Features of both series

- High isolation
 - 2x MOPP
- Leakage current
 - BF and CF conformity
 - >8mm creepage and clearance distances
- Low noise
- Strong EMC
- ES/IEC/EN 60601-1 certified



REM1 and REM2

- SIP7 and SIP8 packages
- Reinforced 5.2VDC/1 minute isolation
- 2MOPP/250VAC working voltage
- 2 μ A leakage current
- Class A/B EMC standards using simple external LC filter
- 3.3/5/12/15/24V inputs
- 3.3/5/12V outputs



Real World application REM1 and REM2



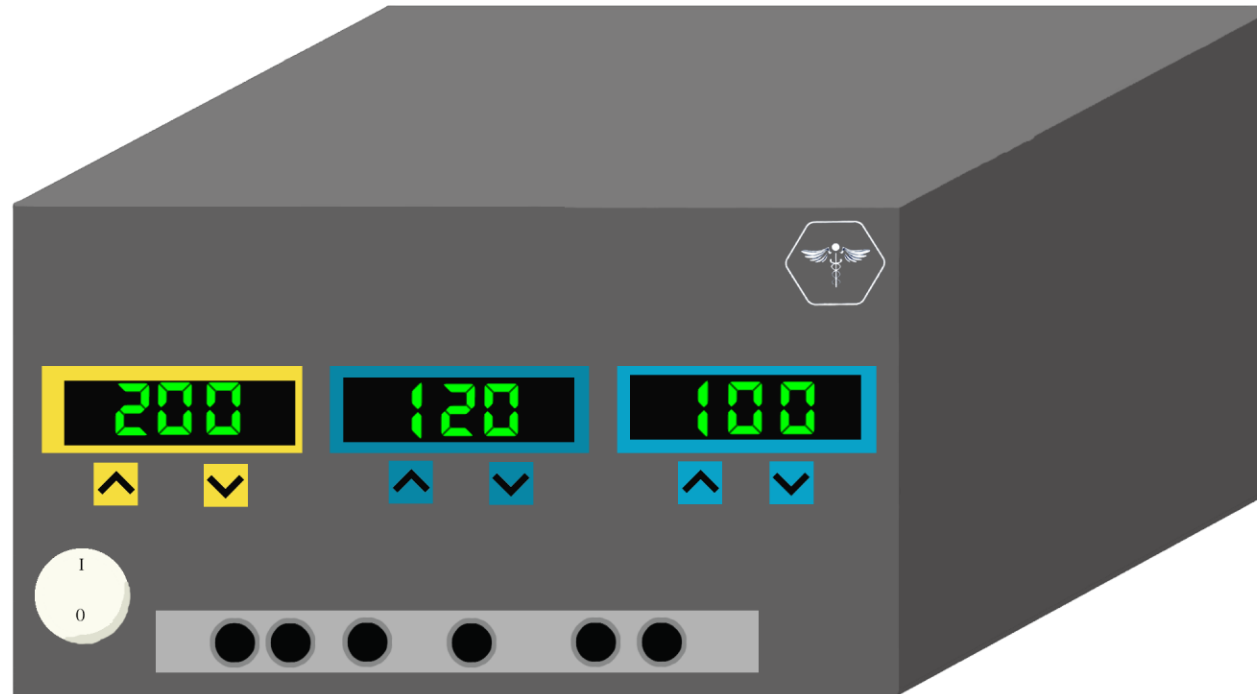
Optical diagnostic device

REM3.5E – REM6E

- Economical
- 3.5W / 5W / 6W
- SMD or THT
- Reinforced isolation of 8kVDC or 10kVDC
- Capable of 2:1 input voltage



Real World Application REMxE



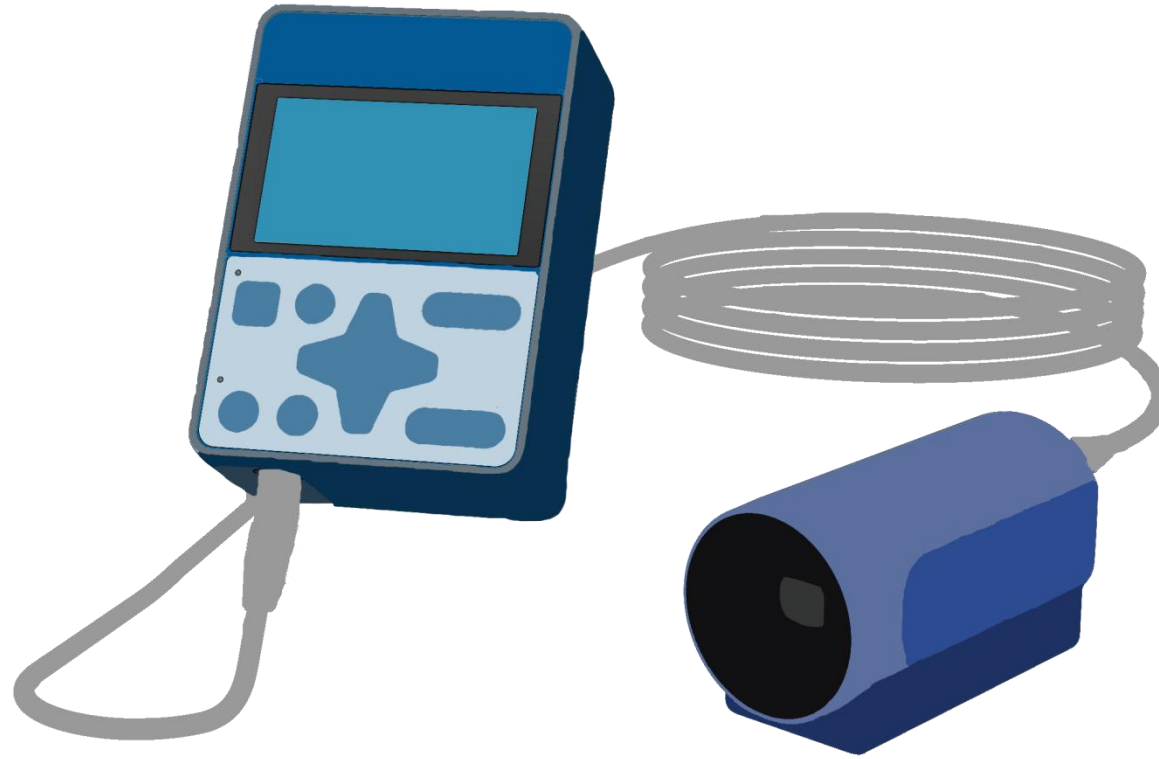
Electrosurgical Generator

REM15 - REM30

- 15W / 20W / 30W
- Capable of supporting 4:1 input voltage range
- Single and dual outputs
- Low output ripple
- Zero-load operation
- Short circuit & Overload protections



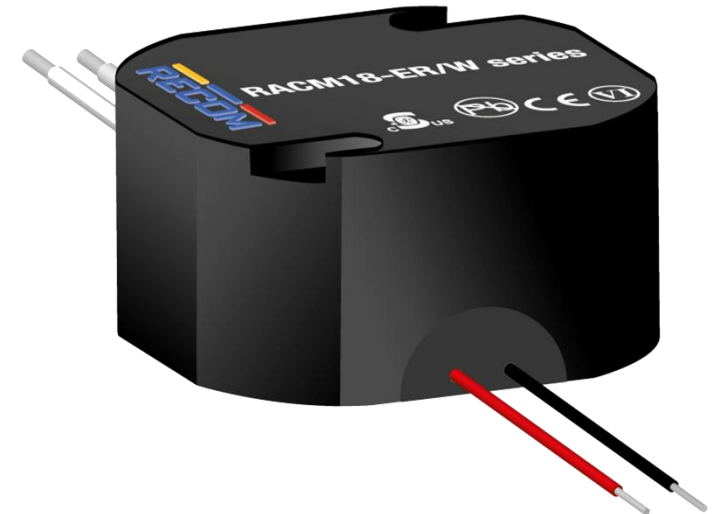
Real World Application REM15-REM30



Medical camera

RACM18 & RACM30

- Unique round case
- Pinned or flying wire leads
- Universal input voltage
- Class B emission without external filter



Real World Application RACM18 / RACM30



CPAP machines

Summary

Medical-grade DC/DC converters: REM series

- 1W-30W
- Low leakage current with 8mm creepage and clearance distances
- Reinforced isolation

Medical-grade AC/DC converters: RACM series

- 18W-30W
- Unique round case
- Pinned or wired leads

All series are ES/IEC/EN 60601-1 certified