Medical Power Supplies Support Portable Device Apps

Providing a regulated output with very low ripple of up to 50W, GlobTek's GTM21097 family of medically-approved switching power supplies are intended for use in driving portable medical devices and charging their battery systems. Provided in an impact-resistant non-vented polycarbonate case, the conduction-cooled power supplies deliver an output voltage from 3.3V to 48V (in 0.1V increments) at 36W to 50W from a 100VAC to 250VAC input.
"Many designers forget to ensure that the external power supply they are using to drive their medical systems must also be medically approved", according to Ed Seaman, VP of Sales of GlobTek. "By using the right power supply partner you can get the right solution that is not only medically approved, but is also the best solution for your device requirements."

Built-in Protection features include overcurrent, short-circuit, overvoltage, and thermal, and safety agency requirements include UL2601, CSA 22.2#601, and TUV EN60601 as well as EMI/RFI Regulations, EMC Directives/ CE and FCC Class B for grounded medical applications and CB Certificate, Report and SIQ Mark to 60601-1 3rd Edition. All Models also carry UL, TUV, and CE-Mark Report generated by independent Certified Laboratory. Versions are available with constant-current operation and other features for battery charging, and modified and custom designs are also available. A "made in USA" option is available upon request.

GlobTek
www.globtek.com [1]

Source URL (retrieved on *03/08/2014 - 7:13pm*):
http://www.mdtmag.com/product-releases/2012/03/medical-power-supplies-support-portable-device-apps?qt-video_of_the_day=0

Links:
[1] http://www.globtek.com/