BE Plus PRO FULL

Technical Data

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- 46 monopolar connectors of which: 34 channels + 6 bipolar channels used as monopolar
- 12 bipolar AC/DC Inputs (6 Pairs)
- 2 GND – 3 NE

Other Connectors
- Dedicated Input for Optional Pulse-Oximeter (SpO2 + HR)
- TTL Trigger IN/OUT
- TTL FLASH out (only LAN Version)
- Dedicated Connector for EB Neuro's Prewired Headcap

Graph Color LCD Screen 28x35 mm, with 4 push buttons of the display control keyboard. The buttons allow Power On/Off, Start Acquisition, Impedance Check, Calibration Check, LCD Navigation and Patient's Events Button.

Cascade Option up to 4 Amplifiers.

Amplifier

Noise:	<0.15 µV RMS typical
CMRR:	160dB typical (differential)
Input Impedance:	Zicm ≥ 160MOhm (Earth Ref)
Sampling:	24 bits
Sampling Frequency:	up to 32.768 Hz

32GB SDHC for Data Storage on Headbox

Impedance Check on All Channels Via Software and Amplifier.

Data Integrity During Wireless Connection.
"Save While Disconnected" Mode.

Flash LED Stimulator Using a Matrix of 96 Super-Bright LEDs.

PC interface
Ethernet 10/100 Mb/s board
Ethernet IEC 60950 board (1500V insulation compliant)
WiFi IEEE 802.11.bg interface
USB 2.0+ type A connector

Classification
Type BF according to IEC 60601-1
Class II according to FDA
Class IIb according to MDR (CE Mark)

Power supply
- External Medical Power Supply 15V AC/DC (IEC 60601-1 Class I Type B)
- Direct from USB of Medical Grade PC.
- Internally Powered from EB Neuro Li-Pol Rechargeable Battery Pack 7.6V, 4000mAh, ensure more than 8h in Wireless Mode (Optional)
- Battery Recharged During Wired LAN Connection or with External Charger (Optional).
- Battery Status Check on the LCD Screen.

Mechanical

Dimensions:	4.8 x 12 x 21 cm
Weight:	600g

Environmental conditions for usage

Temperature:	from +5°C to +40°C
Relative Humidity:	from 35% to 75% RH
Atmospheric Pressure:	from 700hPA to 1060hPA

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Storage Humidity: max. 95% RH