



BPL DF 2617 Defibrillator/Monitor incorporates an easy-to-use, 1-2-3 operation and the Biphasic pulse technology, enabling clinicians to focus on the most important task - saving a patient's life.

- Current Controlled Bi-Phasic waveform
- 100 charge/discharge of 300J with fully charged new battery
- 24 Event Recording
- Noiseless Thermal Printing
- LCD for sharp bright non fade display
- Remote charging through paddles

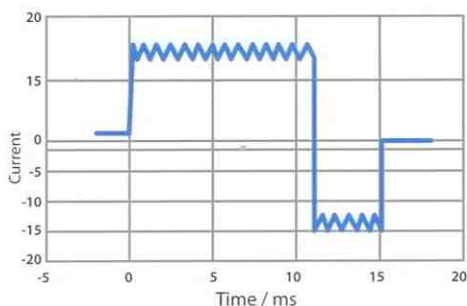


Figure: Typical form of Biphasic pulse (on a 50 ohms load)

DF 2617 uses current controlled biphasic defibrillation waveform for shock delivery thereby ensuring that the current is optimal and thus damage of the heart tissue is minimal.

The energy applied to the patient is fixed as defined by the clinician and the ratio between positive and negative charge (0.38) is proven to be optimal.

BI-PHASIC DEFIBRILLATOR DF 2617

TECHNICAL SPECIFICATIONS

| | | | | |
|------------------------------------|--|---|----------------------------|-------|
| GENERAL | Power Supply | (AC input) 100 to 230 V AC; $\pm 15\%$; 50 / 60 Hz | | |
| | Power Consumption | <70 VA | | |
| DEFIBRILLATOR | Battery type | SLA 12V 4.5Ah | | |
| | Battery Capacity | More than 100 discharges of 300 joules or 5 hours monitoring | | |
| | Dimensions | 260 (W) x 280 (D) x 250 (H) mm | | |
| | Weight | <10.5 kgs (with Printer, Battery & Paddle) | | |
| | Environment | Operating temperature: 0° to 40° C; Relative humidity: 15 to 95 % RH (non condensing) | | |
| | Technology | Current controlled Biphasic | | |
| | Energy stored (Max) | More than 300 Joules | | |
| | Energy Select | | | |
| | - External | 2 to 300 J in steps 2, 3, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200, 300 Joules | | |
| | Charge Time | < 10 secs to 300 J with battery (fully charged new battery) | | |
| Charge Indicator | Charge ready LED on the Front Panel & audible tone | | | |
| MONITOR SECTION | Delivered energy | Charge ready LED on Apex Paddle | | |
| | Synchronisation | Displayed on the screen | | |
| | Sync Message display | Defibrillation synchronized to the R wave | | |
| | Paddles | Marker indication on ECG waveform | | |
| | | Message on monitor screen and lamp on front panel | | |
| | | Standard Adult Anterior Electrodes (84.5 cm ²) Slide off to expose Paediatric Electrodes (20 cm ²) | | |
| | | Retractable Cable Length: Coiled - 600 mm, Stretched - 3000 mm | | |
| | Display | STN LCD 5.7" diagonal (120 mm x 90 mm) with CCFL backlight | | |
| | Display Resolution | 320 x 240 pixels | | |
| | ECG Modes | Paddle ECG and Patient Cable ECG (I, II & III standard leads) | | |
| Leads off Message | On screen Message with alert tone | | | |
| CMRR | > 90 dB @ 50 Hz; Input impedance: > 2.5 M Ω | | | |
| Frequency Response | 0.5 to 35 Hz with filter | | | |
| Sweep Speed | 25 mm / sec | | | |
| Display time | 4 Secs | | | |
| HR display & Accuracy | 10 to 300 BPM; ± 2 BPM (or) 2% whichever is higher | | | |
| HR Alarm | Audio Visual User Selectable alarm limits; 20 to 300 BPM in steps of 1 BPM | | | |
| 1mV Cal Signal | Vertical line (variable amplitude w.r.t. Gain) | | | |
| ECG out | 1V / 1mV (depends on gain setting) | | | |
| Patient Cable length | 3 mts. | | | |
| Electrical isolation and shielding | Input protected against high voltage DF pulses and radio frequency interference | | | |
| Cautery filter | Built-in | | | |
| PRINTER SECTION | Recorder | 50mm | | |
| | Recording Type | Thermal Array recording | | |
| | Paper Size | 50 mm x 20 mts; Print width: 40 mm | | |
| | Paper Speed | 25 mm / sec | | |
| | Print Mode | 6 Secs delayed ECG | | |
| | Event Recording | Stores and Prints upto 24 events Post critical event data upto 24 events | | |
| | Print Annotations | Time, Date, Heart rate, HR limits, Event marker, ECG Parameters, Defibrillator mode, Selected & Delivered Energy, Patient Impedance & Hospital Name | | |
| | | | | |
| STANDARD ACCESSORIES | Defibrillator-Paddles (Adult & Paediatric) | 1 no. | Cardijelly | 1 no. |
| | Disposable Electrodes | 1 pkt | Patient Cable | 1 no. |
| | Power Cord | 1 no. | Recording Paper (20M roll) | 1 no. |
| | Accessory Bag | 1 no. | User Manual | 1 no. |
| | | | | |

* Due to constant upgradation, specifications & features subject to change without prior notice.

Your nearest BPL Channel Partner address



Marketing Office :

BPL Limited, Healthcare Business Group, BPL Towers, 13, Kasturba Road, Bangalore - 560 001, India. Ph: + 91-80-22270134. Fax: + 91-80-22275641

For enquiries contact: sales.healthcare@bpl.in www.bpl.in/healthcare

