

**BPL
TECHNOLOGY
FOR LIFE**



Believe in the Best



DEFIBRILLATORS DF 2509 R

BPL DF 2509 R

- <5S to charge to 360J with battery
- 100 charge/discharge of 360J with fully charged new battery
- Event Recording
- Thermal Printing
- LCD for sharp bright non fade display

Without Recorder Model DF 2509 also available.



TECHNICAL SPECIFICATIONS

GENERAL	Power Supply Power Consumption Battery type Battery Capacity Dimensions Weight Environment	(AC input) 100 to 230 V AC; ± 15%; 50 / 60 Hz 100 VA Rechargeable SMF Lead Acid 12 V, 4.5 AH 7 hrs only monitoring; 100 discharges of 360 joules 260 (W) x 280 (D) x 250 (H) mm 10.5 kgs (with Printer, Battery & Paddle) Operating temperature: 0° to 40° C; Relative humidity: 10 to 90 % RH
DEFIBRILLATOR	Waveform Energy Select - External - Internal Charge Time Charge Indicator Available & Delivered energy Synchronisation Sync Message display Energy / HR display Paddles	5 msec Monophasic pulse (Lown) 0 to 360 J in steps 2, 3, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200, 300, 360 0 to 50 J in steps 2, 3, 5, 7, 10, 20, 30, 50 < 5 secs to 360 J with battery (fully charged new battery) < 15 secs to 360 J without battery (AC mains only) (Optional) Charge ready Lamp on the Front Panel & audible tone Charge ready Lamp on Apex Paddle Displayed on the screen Defibrillation synchronized to the R wave Marker indication on ECG waveform Message on monitor screen and lamp on front panel Displayed on the screen 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
MONITOR SECTION	Display Display Resolution ECG Modes Leads off Message CMRR Frequency Response Sweep Speed Display time HR display & Accuracy HR Alarm 1mV Cal Signal ECG out Patient Cable length Electrical isolation and shielding Cautery filter	Monochrome LCD 5" diagonal (120mm x 90 mm) with CCFL backlight 320 x 240 pixels Paddle ECG and Patient Cable ECG (I, II & III standard Leads) On screen Message with alert tone > 90 dB @ 50 Hz; Input impedance: > 2.5 mΩ 0.5 to 35 Hz with filter 25 mm / sec 4 Secs 30 to 250 BPM; ± 2 BPM (or) whichever is higher Audio Visual User Selectable alarm limits; 30 to 300 BPM in steps of 5 BPM Vertical line (variable amplitude w.r.t. Gain) 1V / 1mV (depends on gain setting) 3 mts. Input protected against high voltage DF pulses and radio frequency interference Built-in
PRINTER SECTION	Recording Type Paper Size Paper Speed Print Delay Event Recording Print Annotations	Thermal Array recording 50 mm x 20 mts; Print width: 40 mm 25 mm / sec 6 Secs. (Selectable in Auto mode) Stores and Prints 3 sec. Pre and 7 secs. Post critical event data upto 24 events Time, Date, Heart rate, Event marker, ECG Parameters, Defibrillator mode, Selected & Delivered Energy, Patient Impedance, Peak current & Hospital Name
STANDARD ACCESSORIES	Defibrillator-Paddles (Adult & Paediatric) Disposable Electrodes Patient Cable (3 lead) Mains Cable (Power Cord) Internal Paddles	Cardijelly 1 bottle Earth Cable 1 no. Accessory Bag 1 no. User Manual 1 no. Recording Paper 1 roll - 20 mtrs. (Applicable for DF 2509 R only)

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

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