



**Experience the
Effectiveness**

MONOPHASIC DEFIBRILLATOR
DF 2509/R



Happier Living Everyday



LCD Display with Backlight

5.7" Monochrome LCD display with backlight delivers crisp and accurate readings with better contrast and brightness



Charging Time

Takes less than 5 seconds to charge to 360J with a fully charged new battery



Event Recording

Stores and prints pre & post event data up to 24 events



Thermal Printing

Allows the printing of saved events using a high-resolution thermal printer



Visual and Audible Charge Indicator

It provides visual and audible high voltage charge done indication



Enhanced Battery Usage

It delivers more than 100 shocks of 360J with fully charged new battery



Optional

DF 2509 R comes with printer



Saving lives through enhanced technology with improved safety and effectiveness

Product Specifications

| Technical Specification | | | |
|--------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Power Supply | 100-240 V AC; 50/60 Hz | Energy Select with External Paddles | 2-360J in steps of 2, 3, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200, 300, 360 |
| Power Consumption | <100VA | Energy Select with Internal Paddles | 2-50J in steps of 2, 3, 5, 7, 10, 20, 30, 50 |
| Battery Type | Rechargeable Sealed Lead Acid battery | Charge Time | < 5 secs to 360 J with battery (fully charged new battery) < 15 secs to 360 J without battery (AC mains only) |
| Battery Capacity | 12V, 4.5AH; 100 discharges of 360 joules or 7 hrs of monitoring with fully charged new battery | Charge Indicator | Charge ready LED on the Front Panel & audible tone Charge ready LED on Apex Paddle |
| Dimensions | 260 (W) X 280 (D) X 250 (H) mm | Available & Delivered Energy | Displayed on the screen |
| Weight | 10.5 kgs (with battery & paddle) | Synchronization | Defibrillation synchronized to the R wave Marker indication on ECG waveform |
| Environment | Operating temperature: 0° C to 40° C Relative humidity: 15 to 95% RH non condensing | Sync Mode Indication | Message on monitor screen and LED indication on front panel |
| | Defibrillator | Paddles | Integrated adult and paediatric paddles |
| Waveform | 5 milliseconds Monophasic Low pulse | | |

Product Specifications

| | | | |
|----------------------------------|------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Monitor | | Paper Speed | 25 ± 1 mm/Sec |
| Display | 5.7 inch STN LCD Display | Recorder Mode | Configurable to print either realtime or 6 seconds delayed ECG |
| ECG Input Modes | ECG input through paddles or 3 Lead Patient cable (Lead I,II and III) | Event Recording | Stores and prints 3 seconds of pre critical data and 7 seconds post critical event data up to 24 events. |
| Leads Off Message | On Screen Message with alert tone | Print Annotates | Time, Date, HR, HR limits, Event marker, ECG input source, ECG gain, Defibrillator mode, Selected and Delivered energy, Patient Impedance, Peak current and Hospital name. |
| CMRR | > 90 dB @ 50 Hz | Standard Accessories | |
| Input Impedance | > 2.5M Ohm | Defibrillator Paddles (Adult & Paediatric) | 1 no. |
| Frequency Response | 0.5 to 35 Hz | Disposable Electrodes | 30 nos. |
| Sweep Speed | 25 ± 1 mm/Sec | Patient Cable (3 Lead) | 1 no. |
| Display Time | 5 secs. | Mains Cable (Power Cord) | 1 no. |
| HR Display & Accuracy | 10-300 bpm ±2 Bpm or ±2%, whichever is higher | Cardijelly | 1 bottle |
| 1mV Cal Signal | Vertical bar indication (varies with gain) | Earth Cable | 1 no. |
| ECG Out | 1V/mV(depends on gain setting) | Accessory Bag | 1 no. |
| Defibrillator Protection | Available | User Manual | 1 no. |
| Printer (Optional) | | Recording Paper | 1 roll - 20 mtrs. (Applicable for DF 2509 R only) |
| Recording Type | Thermal Array recording | | |
| Paper Size | 50 mm X 20 mts; Print width; 40 mm | | |



CERTIFIED ISO 13485 : 2016 COMPANY

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