



Experience the
Effectiveness

MONOPHASIC DEFIBRILLATOR
DF 2509/R



Happier Living Everyday



Saving lives through enhanced technology with improved safety and effectiveness



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

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 Lown 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		
Frequency Response	0.5 to 35 Hz	Defibrillator Paddles (Adult & Paediatric)	1 no.
Sweep Speed	25 ± 1 mm/Sec	Disposable Electrodes	30 nos.
Display Time	5 secs.	Patient Cable (3 Lead)	1 no.
HR Display & Accuracy	10-300 bpm ±2 Bpm or ±2%, whichever is higher	Mains Cable (Power Cord)	1 no.
1mV Cal Signal	Vertical bar indication (varies with gain)	Cardijelly	1 bottle
ECG Out	1V/mV(depends on gain setting)	Earth Cable	1 no.
Defibrillator Protection	Available	Accessory Bag	1 no.
Printer (Optional)		User Manual	1 no.
Recording Type	Thermal Array recording	Recording Paper	1 roll - 20 mtrs. (Applicable for DF 2509 R only)
Paper Size	50 mm X 20 mts; Print width; 40 mm		

*Technical specification subject to change



ISO 13485:2016 CERTIFIED COMPANY

ISO 9001:2015 CERTIFIED COMPANY

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Good at Heart
A BPL Medical Technologies Initiative

Wake up to Wellness
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