



Happier Living Everyday



BPL DF 2509/R

- 5.7" LCD Monochrome Display with backlight
- <5 secs 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
- Visual and Audible charge indicator

Variant: DF 2509R with Printer



DEFIBRILLATOR

DF 2509/R

TECHNICAL SPECIFICATIONS

GENERAL	Power Supply	100 to 230 V AC; $\pm 15\%$; 50 / 60 Hz		
	Power Consumption	<100VA		
	Battery type	Rechargeable Sealed Lead Acid battery		
	Battery Capacity	12V, 4.5AH; 100 discharges of 360 joules or 7 hrs of monitoring with fully charged new battery		
	Dimensions	260 (W) x 280 (D) x 250 (H) mm		
	Weight	10.5 kgs (with Printer, Battery & Paddle)		
	Environment	Operating temperature: 0°C to 40°C; Relative humidity: 15 to 95% RH		
DEFIBRILLATOR	Waveform	5 milli seconds Monophasic Lown pulse		
	Energy Select			
	- External Paddles	0 to 360 J in steps 2, 3, 5, 7, 10, 20, 30, 50, 70, 100, 150, 200, 300, 360		
	- Internal Paddles	0 to 50 J in steps 2, 3, 5, 7, 10, 20, 30, 50		
	Charge Time	< 5 secs to 360 J with battery (fully charged new battery) < 15 secs to 360 J without battery (AC mains only)		
	Charge Indicator	Charge ready LED on the Front Panel & audible tone Charge ready LED on Apex Paddle		
	Available & Delivered energy	Displayed on the screen		
	Synchronization	Defibrillation synchronized to the R wave Marker indication on ECG waveform		
	Sync mode indication	Message on monitor screen and LED indication on front panel		
	Paddles	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	Display	Monochrome 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	>2.5M Ohm		
	Frequency Response	0.5 to 35 Hz		
	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 bar indication (varies with 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 (Optional)	Recording Type	Thermal Array recording		
	Paper Size	50 mm x 20 mts; Print width: 40 mm		
	Paper Speed	25 mm / sec		
	Print Delay	Real time or 6 secs. (Selectable in Auto mode)		
	Event Recording	Stores and Prints 3 second Pre & 7 second Post Event Data for up to 24 Events		
	Print Annotations	Time, Date, Heart rate, HR limits, Event marker, ECG Parameters, Defibrillator mode, Selected & Delivered Energy, Patient Impedance, Peak current & Hospital Name		
STANDARD ACCESSORIES	Defibrillator-Paddles (Adult & Paediatric)	1 no.	Cardijelly	1 bottle
	Disposable Electrodes	30 nos.	Earth Cable	1 no.
	Patient Cable (3 lead)	1 no.	Accessory Bag	1 no.
	Mains Cable (Power Cord)	1 no.	User Manual	1 no.
			Recording Paper	1 roll - 20 mtrs.
				(Applicable for DF 2509 R only)

* BPL Medical Technologies Private Limited reserves the right to make changes in product features, specifications, aesthetics and / or to discontinue the same at any time without notice or obligation.

BPL Medical Technologies Private Limited

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