Specifications

General Specifications

DEVICE	
Size (H x W x D)	5.25”x 9.50” x 11.50”; 13.3 cm x 24. 1 cm x 29.2 cm
Weight	6.7 lbs.; 3.1 kg
Power	User Replaceable Batteries. 10 -Type 123A Photo Flash lithium manganese dioxide batteries.
Device Classification	Class II and internally powered per EN60601-1
Design Standards	Meets applicable requirements of UL 2601, AAMI DF-39, IEC 601-2-4, EN60601-1, IEC60601-1-2
ENVIRONMENT	
Operating Temperature	PS Model: 32 °F to 122 °F; 0^{O} to 50^{O}C PA Model: 50^{O} to 104^{O}F; 10^{O} to 40^{O}C
Storage Temperature	PS Model: -22^{O} to 158^{O}F; -30^{o} to 70^{o}C PA Model: 32^{O} to 122^{O}F; 0^{O} to 50^{O}C
Humidity:	10 to 95% relative humidity, non-condensing
Vibration	MIL Std. 810F, Min Helicopter Test
Shock	PS Model: IEC 68-2-27; 100G PA Model: IEC 68-2-27; 50G
Altitude	PS Model: -300 to 15,000 ft.; -91m to 4573m PA Model: -300 to 7,500 ft.; -91m to 2287m
Particle and Water Ingres	IP-55
DEFIBRILLATOR	
Waveform	Rectilinear Biphasic
Defibrillator Charge Hold Time	30 seconds
Energy Selection	Automatic pre-programmed selection (120J, 150J, 200J)
Patient Safety	All patient connections are electrically isolated.
Charge Time	Less than 10 seconds with new batteries.
Electrodes	ZOLL stat padz II or CPR-D padz.
Built in Defibrillator Self Test	Included

DEFIBRILLATOR (cont'd)	
CPR	*Metronome Rate: Variable 60 to 100 CPM Depth: 1/2" to 3"; 1.3 to 7.8 cm.
Defibrillation Advisory	Evaluates electrode connection and patient ECG to determine if defibrillation is required. Shockable Rhythms: Venticular fibrillation with average amplitude>100 microvolts and wide complex ventricular tachycardia with rates greater than 150 BPM. Refer to ECG Analysis Algorithm Accuracy Section for sensitivity and specificity performance.
Electrode Patient Impedance Measurement Range	0 to 300 ohms
Defibrillator Electrode ECG Circuitry	Protected
ECG Bandwidth	2-30Hz
Display Format	Optional LCD with Moving Bar Size: 2.6" x 1.3"; 6.6 cm x 3.3 cm Viewing Time: 2.6 seconds
Display Sweep Speed	25 mm/sec
Battery Capacity	Typical new (20°C) = 5 years (300 shocks) or 1.5 hours continuous Monitoring/Defibrillation. End of life designated by Red X (typical remaining shocks = 100, 0.5 hours continuous Monitoring/Defibrillation).
PC Minimum Requirements	Windows® 98, Windows® 2000 Windows®NT, Windows® XP IBM-compatible PII with 16550 UART (or higher) computer. 64MB RAM. VGA monitor or better. CD-ROM drive. IrDA™ port 20MB disk space.

*Testing reports validating performance and accuracy of CPR depth measurement capability, metronome feature function and rescuer performance, and the PASS (Passive Airway Support System) cover function are on file with ZOLL Medical and are available for review. Contact ZOLL Technical Support to request a copy of the following report(s) if desired:

- Using the ZOLL AED PLUS Cover to Aid in Airway Patency
- Depth and Compression Rate Response of the AED PLUS CPR System
- AED Plus CPR System Test Results.