Device Capacity	With new battery: Provides 166 200-joule shocks (with 1 minute of CPR between shocks), 103 360-joule shocks (with 1 minute of CPR between shocks), or 800 minutes of operating time. When device has just reached a low battery state (Readiness indicator has stopped flashing): Provides 6 360-joule shocks and 30 minutes of operating time.
Shock Ready Time	**Note:** These times apply for a device that has just reached a low battery state (Readiness indicator has stopped flashing). Fully automatic device: The time to charge to 360 joules after electrode pads are applied is 35 seconds or less. The time to charge to 360 joules after power is turned on is 45 seconds or less, if electrode pads are on the patient when device is turned on. Semi-automatic device: The time to charge to 360 joules after electrode pads are applied is 35 seconds or less. The time to charge to 360 joules after power is turned on is 45 seconds or less, if electrode pads are on the patient when device is turned on.
cprCOACH Feedback Technology	
Metronome rate	104 beats per minute
Setup options	Two options are available for CPR coaching: • Hands-Only (no rescue breaths) • 30:2 compression to breath ratio
Communications	USB, Wireless 802.11 b/g/n, or Cellular data transfer to LIFELINKcentral AED Program Manager or LIFENET System. USB cable type 2.0 A Male to Micro-B is required for USB communications.
Environmental	**Note:** All performance specifications defined assume that the device has been stored (two hours minimum) at the operating temperature prior to operation.
Operating Temperature	0° to 50°C (32° to 122°F)
Long-term Storage Temperature	15° to 35°C (59° to 95°F)
Short-term Storage Temperature	-30° to 60°C (-22° to 140°F) for a maximum of 1 week
Altitude	-382 to 4572 meters (-1253 to 15,000 feet) above sea level
Relative Humidity	5 to 95% (non-condensing)
Liquid and Solid Ingress	IP55 per IEC 60529
Physical (with handle)	
Height	9.7 cm (3.8 in)
Width	22.6 cm (8.9 in)
Depth	27.4 cm (10.8 in)
Weight	2.0 kg (4.5 lb) including electrodes and battery

Battery	
Type	Lithium Manganese Dioxide (Li/MnO_2), 12.0 V, 4.7 Ah, 55.8 Wh
Standby Life	4 years if installed in device that is not used
Weight	0.3 kg (0.7 lb)
Operating Temperature	0° to 50°C (32° to 122°F)
Long-term Storage Temperature	0° to 25°C (32° to 77°F)
Short-term Storage Temperature	-30° to 60°C (-22° to 140°F) for up to 1 week
Relative Humidity	5 to 95% non-condensing
QUIK-STEP Electrodes	
Pads	Pacing/ECG/defibrillation electrodes
Packaging	Pre-connected tray with rapid-release cover
Shelf Life	4 years[1]
Electrode Shape	Oval-rectangular
Electrode Size	13.34 x 8.89 cm (5.25 x 3.50 in)
Lead Wire	1.1 m (42 in)
Conductive Gel Contact Area	82 cm^2 (32 in^2)
Maximum Adhesion Time	4 hours
Maximum ECG Monitoring Time	4 hours
Maximum Number of Defibrillation Shocks	20 at 360 joules
Maximum Pacing Duration	1 hour
Operating Temperature	0° to 50°C (32° to 122°F)
Long-Term Storage Temperature	15° to 35°C (59° to 95°F)
Short-Term Storage Temperature	-30° to 60°C (-22° to 140°F) for up to 1 week
Altitude	-382 to 4572 meters (-1253 to 15,000 feet) above sea level

[1] Based on historical storage temperature data, the 4-year shelf life assumes a storage temperature of 25°C (77°F). Average storage temperatures above 25°C (77°F) may decrease shelf life.