

The **Philips HeartStart FR2+** is a portable, battery-powered automated external defibrillator. The AED's rugged design and advanced life-saving technology make it easy to use. The HeartStart FR2+ offers a simple design, with only two buttons, an on/off button at the top and a shock button at the bottom. The FR2+ offers a display screen to view the patient's ECG, text instructions, and incident information. The Defibrillation system includes a Smart analysis algorithm that can detect heart rhythm determine if a shock is needed. Smart CPR algorithm can also determine if CPR should be given before defibrillation. The Philips Heartstart FR2 Plus comes with electrode pads for adult and pediatric patients.

Features

- Non-rechargeable long life lithium battery.
- Optional rechargeable battery (M3860A only)
- Adult and infant/child pads.
- Small and light design.
- SMART biphasic waveform.



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Specifications

Dimensions Height: 2.6 in. (6.6 cm)

Width: 8.6 in. (21.8 cm) **Depth:** 8.6 in. (21.8 cm)

Weight (With standard battery): 4.7 lbs (2.1 kg)
Weight (With rechargeable battery): 4.5 lbs (2 kg)

Standard Battery 12 VDC 4.2 Ah, lithium manganese dioxide

Disposable, recyclable, long-life, primary cell

Capacity: 300 shocks or 12 hours of operating time

Shelf-Life: 5 Years

Display Type: High-resolution backlight liquid crystal display (LCD)

Height: 2.3 in. (5.8 cm) **Width:** 2.8 in. (7 cm)

Display Range: Differential: ±2 mV full scale, nominal. (M3860A only)

Sweep Speed: 23 mm/s nominal. (M3860A only)

ECG Display: 3 second-segments displayed. (M3860A only)

Frequency Response (bandwidth): Nondiagnostic rhythm monitor 1 Hz to

20 Hz (-3 dB), nominal.

Sensitivity: 1.16 cm/mV, nominal.

Heart Rate Displayed: 30 to 300 bpm, updated each analysis period. Displayed (M3860A only) during monitoring and advanced modes.

Defibrillator Waveform: Biphasic truncated exponential. Waveform parameters are

automatically adjusted as a function of patient defibrillation impedance.

Energy: Using adult defibrillator pads: 150 J nominal (±15%) into a 50 ohm load. Using infant/child reduced-energy defibrillator pads: 50 J nominal

(±15%) into a 50 ohm load.

Charge Control: Controlled by Patient Analysis System for automated

operation.

Charge Time: Typically less than 10 seconds. Charge time increases at the

end of battery life.

Data CardCapacity: 8 hours of event and ECG data, or 60 minutes with voice

recording.



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