

AF100-AED



AED

Model HeartSine PAD 350P / 360P
 Size W 184 x L 234 x H 48 mm
 Weight 1.285 kg

CERTIFICATION

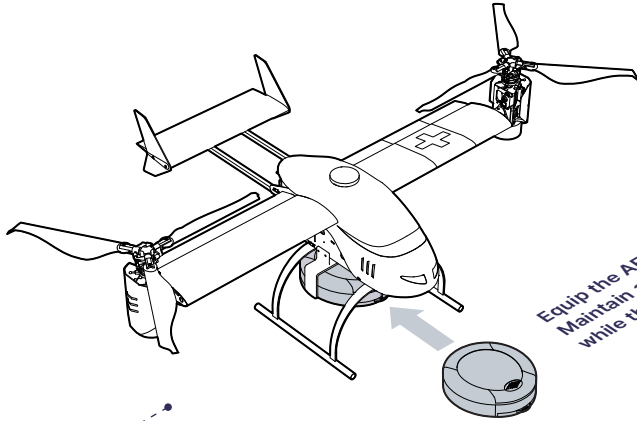
Korea Certification (AF100)

HARDWARE

Drone Type Electric dual tilt-rotor (eVTOL)
 Size W1,000 x L 860 x H 300 mm
 Payload / MTOW 1.285 kg / 6.99 kg (with batteries)
 Propulsion 2 rotors during operation
 Battery 1 LiPo battery (403 Wh)
 Avionics 1 GNSS system
 2 Magnetometers
 Connectivity 1 Cellular data link (4G or 5G)
 1 RF data & video link
 (5.8 GHz 5 km max.)

OPERATION

Flight Speed 22 m/s default cruise speed
 Climb Speed 2 m/s climb, 1.5 m/s descent
 Max. Speed 32 m/s
 Flight Distance 5 km | 30 km
 Flight Time 3 min | 35 min
 Max. Altitude 2,000 m AMSL
 Landing Accuracy 1.5 m (0.1 m with RTK-optional)
 Operating °C -5 ~ 40°C
 Wind Resistance 9 m/s average wind, 15 m/s gusts
 Weather Limits No operation during rain



Equip the AF100 with the AED
 Maintain a **battery** level of over **70%**
 while the drone is in standby mode

NARMA's Proprietary Drone System Development

OFFICE

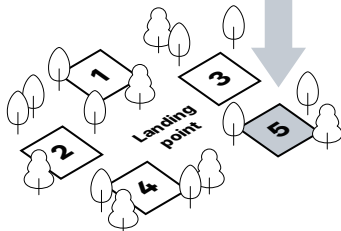


- Select the destination nearest to the heart attack patient on ***D-Nuri**
 *D-Nuri: kiosk-based shuttle delivery system



- Call emergency center

5 km in 3 minutes



- AED delivered by AF100-AED



- Save the heart attack patient within golden time, 3 minutes

