

MBK[®]

MOBILE BROADBAND KIT

Elite **5G**

The **MBK Elite** is a fully integrated and intelligently designed Rapid Deployment “Drop Kit” 5G / FirstNet[®] enabled networking kit configured with the Cradlepoint R1900 router and the capability to support and house four smart smartphones, such as certain models of the Apple iPhones, Samsung and the Sonim XP8 (smartphones not included). These R1900 modems support world-wide, SIM-based, auto-carrier selection and also available CBRS Band 48 and Band 14. The **MBK Elite** “5G” provides WiFi 6 wireless and gigabyte networking options.



The **MBK Elite** “5G” is powered by the 4K Rugged Power Center LifePo4 battery power management system which provides an estimated 4-8 hours of run time.

The **MBK Elite** “5G” is integrated into a mil-spec case with internal OEM antenna mounting. Five ethernet ports are extended to the exterior of the case. Four smartphones (not included) can be stored and powered in cradles embedded into the lid.

Number of Devices /Users: 50-85 users /devices.

Battery Technology: The battery is a 12.8 volt 8 AH (100 Watt hour) LiFePO4 bank.

MBK Dimensions: 20.4” x 11.2”x 7.2” **Weight:** 33.4 lbs.

Run Time (estimated): 4-8 hours

Charging: The **MBK Elite** contains the internal three stage charge controller will accept 14-18 vdc and up to a 60 watt solar panel. The included wall charger will charge the system in approximately 90 minutes. The internal Battery Protection Circuit prevents overcharge, over-discharge, and short circuits. The volt meter continuously displays the system voltage, and reacts to confirm solar or AC charging. The USB driver is independent, switched, and is 3 amps.



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The Mobile Broadband Kit (MBK "Elite is ideal for true "grab and go" "Drop Kit"



Cradlepoint R1900:

The purpose-built router. Cradlepoint endpoints provide industry-leading, 5G and Gigabit-Class LTE connectivity as well as Ethernet and Wi-Fi.



- Emergency Management
- Drop Kits
- First Responders
- Internet Service Restoral
- Medical "Crash Kits"
- Military Operations



Globally deployable on all major carriers and FirstNet® Satellite backhaul compatible

- BGAN
- Certus

