PSB-XXL-G intelligent device storage and charger cabinet

The intelligent ProxerSafe Box PSB-XXL-G device storage and charger cabinet has been designed and developed to keep and charge various devices, like portable radios, smartphones and tablets in a supervised, managed way.

Persons can be identified with

- PIN code
- RFID card
- Fingerprint (optional)
- or the combination of the above ones

The system is built up from units of PSB-4BXXL – a unit of 4 pieces of 135 x 305 x 300mm size boxes with transparent, security glass doors and electronic locking, and a Smart Station control unit, controlling the whole cabinet. The doors and boxes are built in a stable, steel cabinet frame as one item.

A unit of four boxes

The boxes, in their standing format, can house radios placed in their charging pod in upright position. The smartphone devices and tablets can be horizontally placed into the polycarbonate frames and charged with 2x2A via standard USB cable.

The boxes have interior LED lights with programmable luminance.

In all boxes the following items can be accessed easily:

- 2 pcs USB socket, for 5V DC max. 2A each charging current

- 1 pc 110V 15A power outlet for radio charger

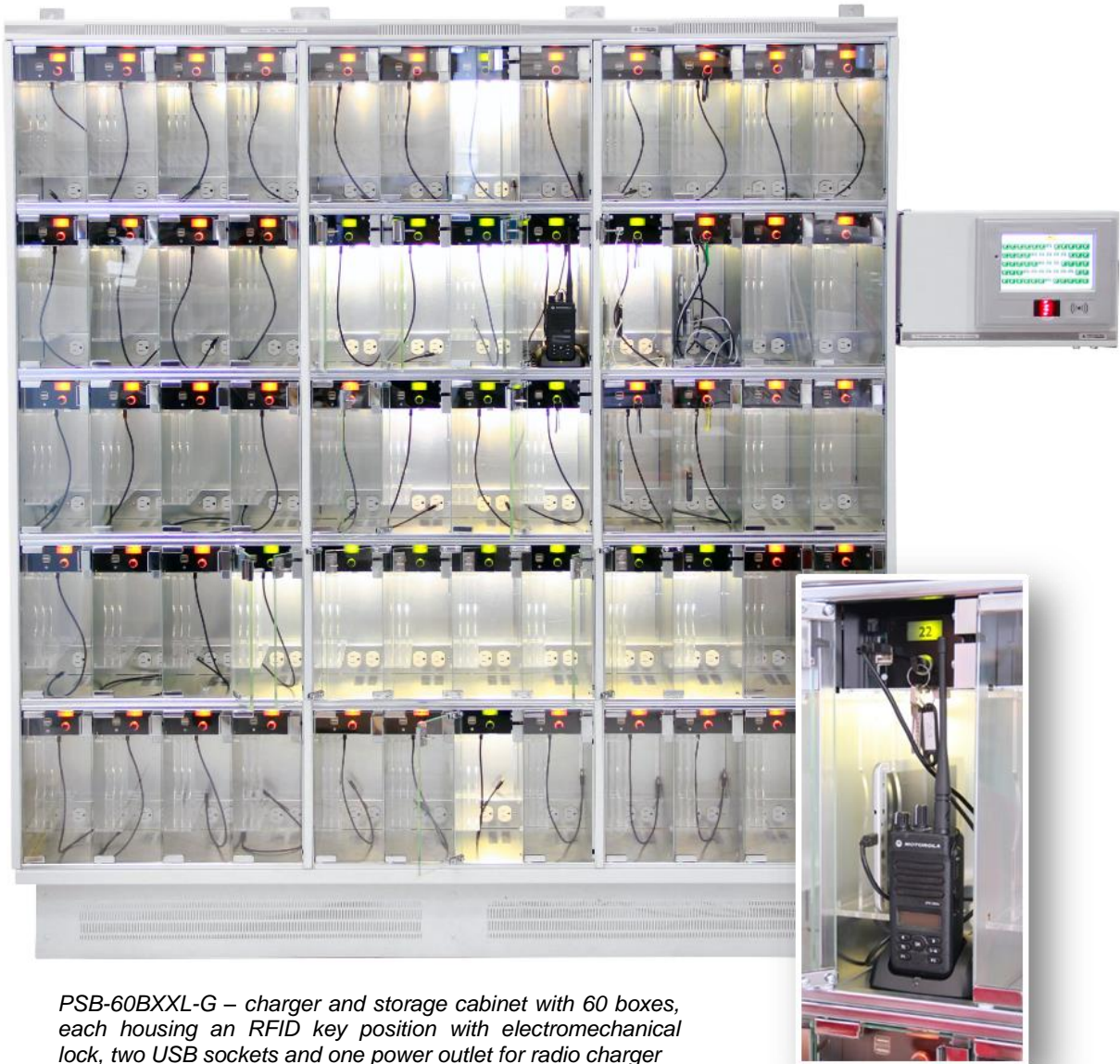- 1 pc RFID key position with transponder reader and electromotoric locking

The system monitors and logs the following events:

- Opening the door with authorization check

- Closing the door

- Pulling out the keyholder plug, with authorization check

- Placing back the key holder plug

- Charging current detected at the USB charger plug no.1 (charging starts)

- Charging current less then minimum at USB charger plug no.1 (end of charging)

- Charging current detected at the USB charger plug no.2 (charging starts)

- Charging current less then minimum at USB charger plug no.2 (end of charging)

- Current drain of radio charger detected (radio charger connected)

- Current drain of the radio charger less then minimum (radio charger disconnected)

The Smart Station control unit is for managing the device and it contains the following components:

- RFID card reader (according to client's needs, low frequency, high frequency or so-call all reader)
- Fingerprint reader (optional)
- High resolution touchscreen

PSB-60BXXL-G – charger and storage cabinet with 60 boxes, each housing an RFID key position with electromechanical lock, two USB sockets and one power outlet for radio charger