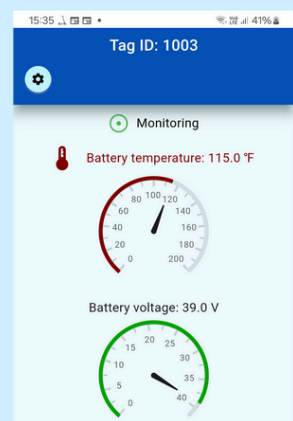
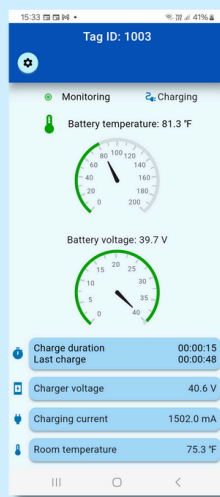




e-bike/e-scooter Safety Device to prevent lithium-ion battery fires



- ✓ **Verifies** that the charger is compatible with the device.
- ✓ **Ensures the charging process** will begin only when the battery temperature is within the required range.
- ✓ **Once the battery reaches high temperatures**, charging will automatically stop and the user will receive a notification.
- ✓ **Triggers a loud alarm sound and notifies the user** when the battery reaches a dangerous temperature. The temperature is continuously monitored, whether it is charging or not.
- ✓ **Charging will cease entirely** once the battery is full (disconnects the charger).
- ✓ **Significantly extends the battery's lifespan**, by offering the option to stop charging at around 85% of full capacity, also indicates if the battery is questionable or defective.
- ✓ **Bluetooth interface**, coupled with a complimentary application, offers users access to vital charging information and battery health status.

▶ Patent pending (PCT/IL2023/050710)

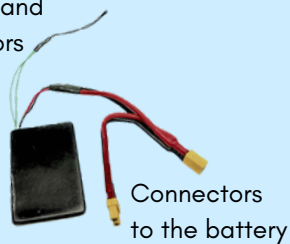
▶ FCC CE approved

How it works:



Internal unit:

Temperature and voltage sensors

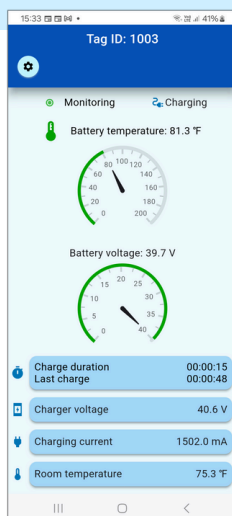


Installed once and stays in the battery compartment of the e-bike/e-scooter, transmitting data to the main unit.

Main unit:



- Verifies proper functioning of the charger
- Receiving and analyzing data transmitted by the internal unit
- Continuously monitors the charging process
- Disconnects the charger at the end of charge or in case of high battery temperature
- Triggers an alarm when the battery reaches dangerous temperature
- Communicates with the app and displays essential data



For more information please contact:



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