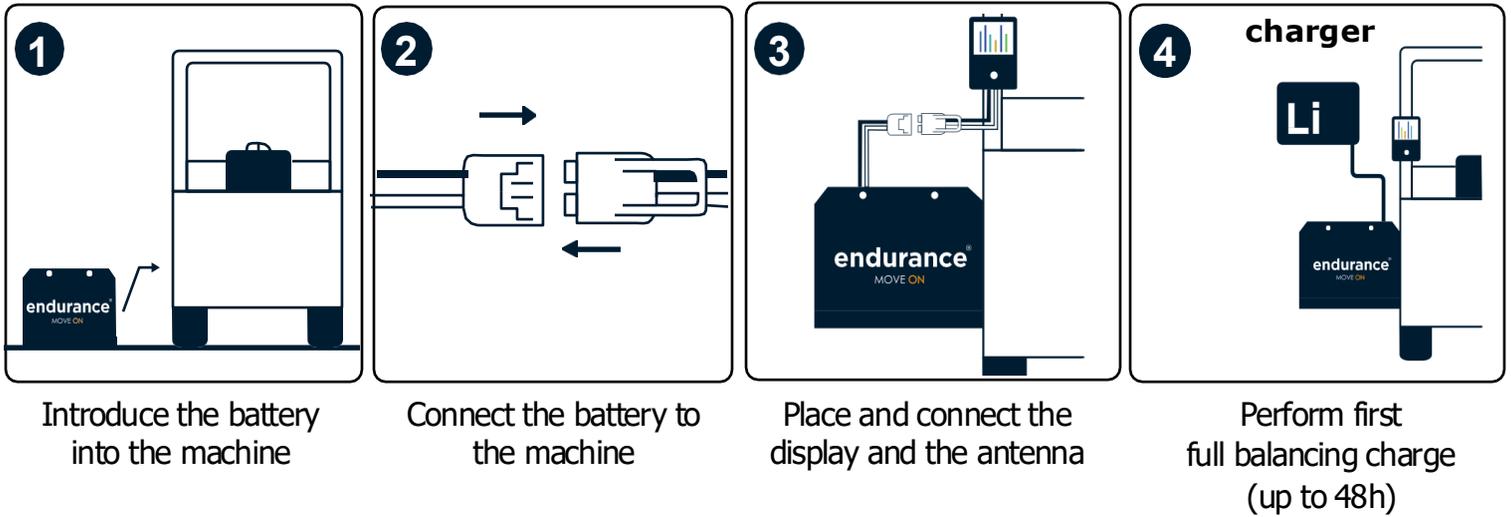
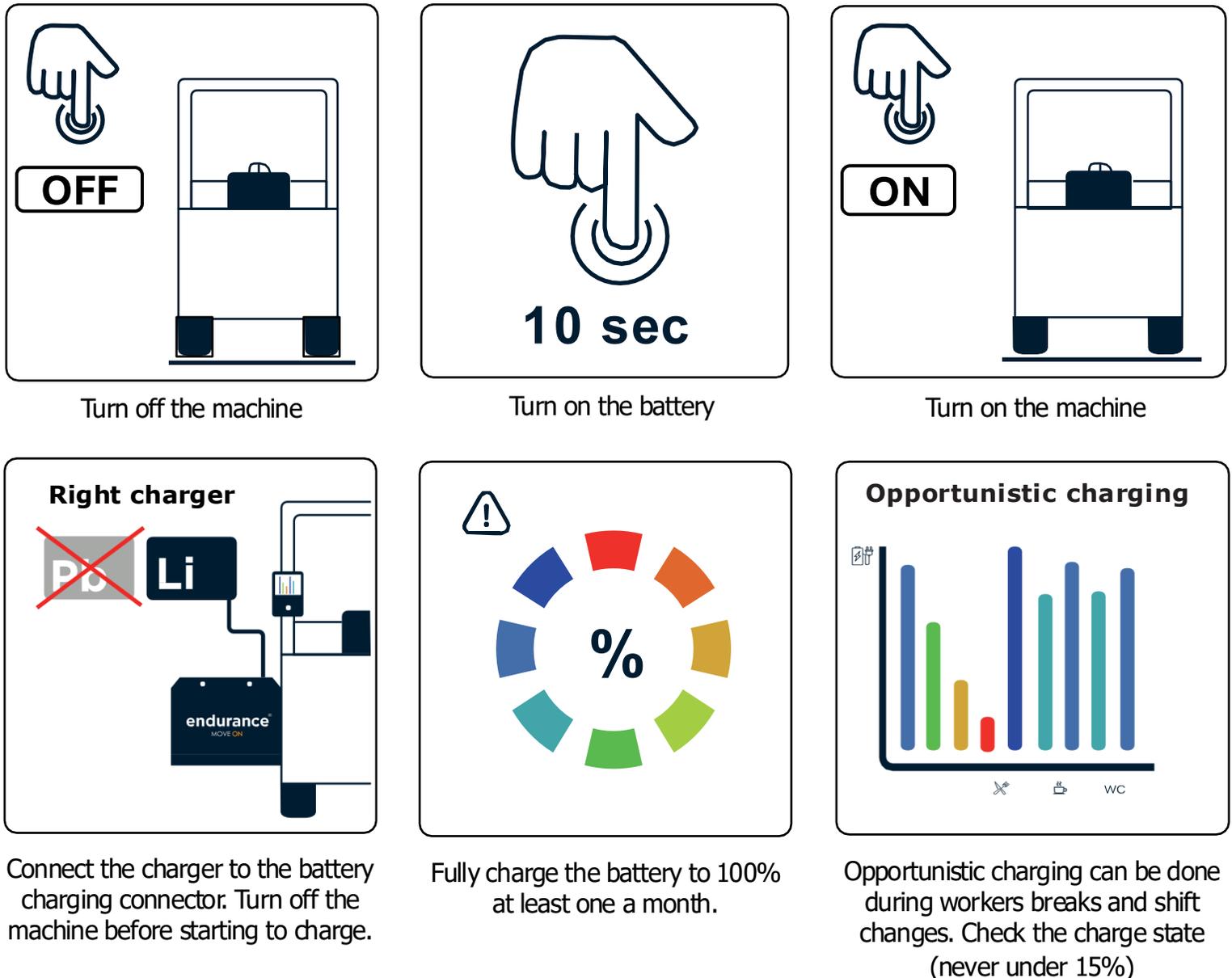


## Installation



## Operation



### SAFETY WARNING:

Do not hit the battery. Avoid short circuit. Do not open the battery to access the interior. Do not get the battery wet. Do not expose the battery to temperatures above 55°C or below -20°C. Read the user manual before using the battery.



## Emergency shutdown

Use the Off Switch in the following cases:

- In case of emergency due to battery failure.
- Malfunction of any of the accessories: Display, GPRS.

Off Switch



## Start-up Display TFT.

To start-up the display, connect the Plug connector on the cable end to the receiver connector on the battery case. Press the button on the front of the device for one second until the battery starts to operate. The TFT screen will then light up..

Battery receiver



## Charging recommendations

- The Polaris Lithium battery is delivered at approximately 30% charge. In order to guarantee the correct operation of the battery, a first full balancing charge lasting up to 48 hours is must be performed. Once the first full charge has been done, the battery can be used.
- After the first full charge it is normal to observe that the SOC does not reach 100%. As soon as possible, perform a second full balancing charge lasting up to 48 hours, thus would balance to a SOC of 100% within the first two weeks of use.
- To protect against discharging, the Polaris Lithium battery has a control system called "Auto-Off". The "Auto-Off" system will disconnect the internal contactors and turn off the battery when one our (1h) has elapsed since the last use.
- For your safety, stop the charge from your charger before disconnecting the charging connector from the battery. Press STOP on your charger.
- Before connecting the battery, make sure that the charger is connected to the mains. The charger must always be turned on.
- During the charge, keep your battery turned on, otherwise it will no longer register activity and cannot be charged.
- When you connect your Lithium battery, check the charging start on the charger display. The charge will start automatically.
- Do not charge a lithium battery with conventional chargers, and vice versa. Lithium chargers hold up to 10 times more current than a conventional charger.
- After charging your battery, place the cables in a safe position to prevent damage by your vehicle or another vehicle.
- Do not strike the terminals or pull on the charger and battery cables.
- Take advantage of opportunity charges, so that at every break you can leave your equipment charging.
- Avoid letting the battery charge fall below 30%, this will help to keep the battery always available.
- Read carefully the battery and charger user manual. In case of a fault code. Consult the operating manual and contact Endurance Assistance. Do not open or disassemble the equipment without previous authorisation.