qCharge

The Most Advanced Portable Apple Watch Charger

Compatible with
Apple Watch Series 4
Apple Watch Series 3
Apple Watch Series 1
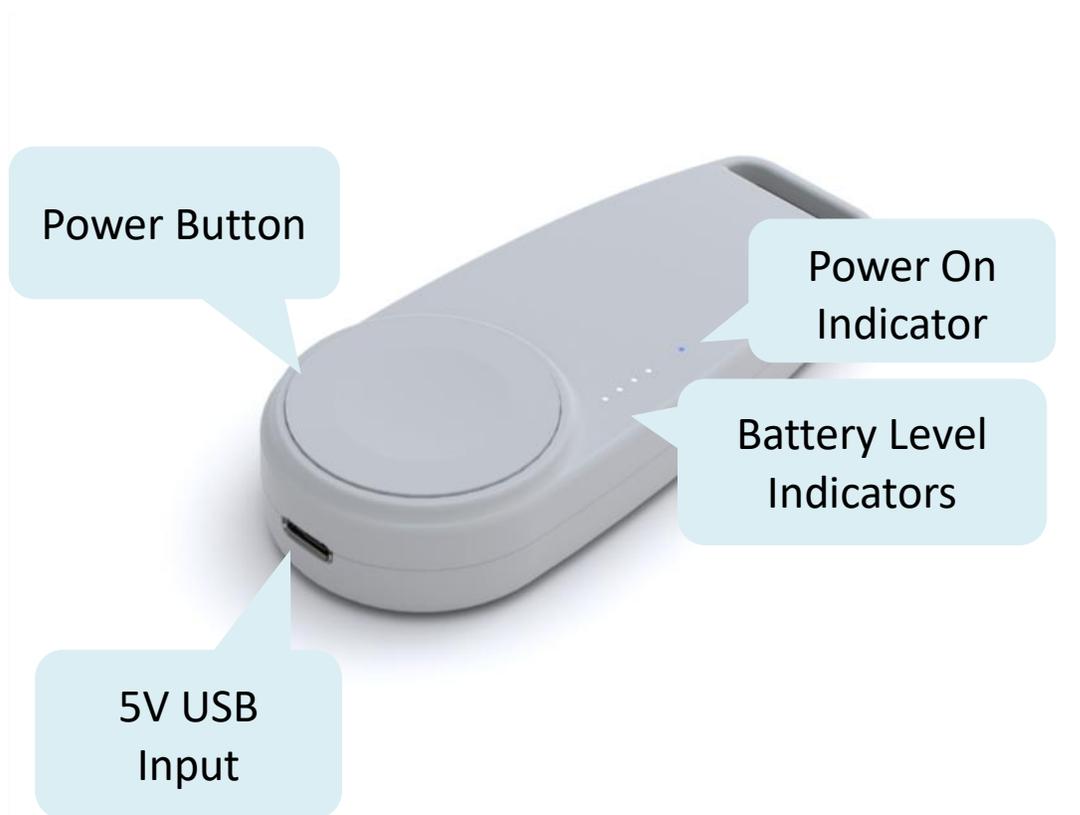Apple Watch (1st generation)

User's Guide

The "Made for the Apple Watch" designation indicates that an accessory has been designed to connect specifically to the Apple Watch, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with Apple Watch may affect wireless performance.

Technical Specifications

- Approved for Apple MFI Certification
- Battery capacity: 1400 mAh
    - Certified in accordance with the MSDS (Material Safety Data Sheet)
- Input interface: USB micro connector
- Input current rating: 3A maximum
- Features: 4 LED battery level display, charging status display
- Certified for FCC and CE

Power Button

Power On Indicator

Battery Level Indicators

5V USB Input

Basic Operation

To charge the qCharge

- Plug in the micro USB input and charge the qCharge until all 4 LED lights are illuminated.

- To ensure full battery level capacity, continue charging the qCharge for an additional 20 minutes after the 4th LED illuminates and remains on.

To turn on

- Briefly press the power button.
- A blue LED will illuminate when the unit is on.
- White LEDs will illuminate, indicating the battery level. For more information on LED indicators, see "Battery Level Indicators."

To power off manually

- Press and hold large button for 3 seconds until the blue LED turns off.

To charge the Apple Watch

- Power on the qCharge.
- Lay the Apple Watch face up on the qCharge.

To dim or brighten LED illumination level
- Double click the power button while white LEDs are illuminated.

Battery Level Indicators

White LED lights will indicate the following battery levels:

    4 LEDs = 80% to 100%
    3 LEDs = 50% to 80%
    2 LEDs = 25% to 50%
    1 LED   = 2% to 25%
    0 LEDs = 0% to 2%

*Note: Even if no LEDs are illuminated, the qCharge can continue to charge the Apple Watch as long as the qCharge battery level is greater than 0%.

To ensure full battery level capacity, continue charging the qCharge for an additional 20 minutes after the 4th LED illuminates and remains on.

Fuel Gauge Lifetime Optimization

The qCharge features an adjustable fuel gauge to ensure accurate battery level indication. The fuel gauge will continuously optimize its algorithm to account for various factors over the life of the qCharge, including unit-to-unit variations, temperature, and aging. This feature is independent of various Apple Watch series, and will continue to adjust for accurate fuel levels for the lifetime of the qCharge.

Auto Shutoffs

The qCharge includes a current sensor to monitor and regulate the charging current. This sensor serves as a safety measure and will trigger automatic shutoffs under specific conditions.

Auto shutoffs will only be activated when the qCharge is NOT connected to a USB power source.

- **One-minute shutoff**
  Without an Apple Watch on top of it, the qCharge will automatically shut off after one minute.

- **Shutoff after Apple Watch is fully charged**:
  When the Apple Watch is fully charged, the charging current will drop and trigger the one-minute shutoff.

- **3-hour shutoff**
  Without USB input, the qCharge will shut off automatically after 3 hours, regardless of charging status. This is a safety measure to ensure that, in the event of a malfunction or a foreign object, the qCharge does not continue to transmit current indefinitely.