

PRODUCT UPDATE –JPN VARIANT CHARGEPOINTS

# Firmware v1.8.34 release

## Terra AC Wallbox

Dear customer,

The purpose of this communication is to inform you about the release of a new firmware version for ABB Terra AC Wallbox (JPN charger variant). This release improves the performance and reliability of the chargers and provides enhancements to the embedded firmware. This document provides an overview of main improvements and issues solved. We thank you for your feedback and we continuously invite you to provide us with ideas and suggestions to improve our products.

This release has known issues as mentioned in the section Known Issues. We will keep on monitoring the performance of this firmware version and will use your feedback to further improve our products and services.

Best regards,  
On behalf of the ABB E-mobility team,

J.L.R. Visser  
Product Management Lead EMEA



## Applicable products

This release is applicable to:

- Terra AC Wallbox JPN charger variant.

## Changes between firmware version 1.8.33 and 1.8.34

The table below describes the changes between the previous firmware version and the new release.

Features
[OCPP] Support <b>PWMAfterStartTransaction</b> key: control the timing of starting charging moment(after authorization or after response of StartTransaction)
Support ABB M1 and M4 type energy meters
[OCPP] Support <b>ConnectorPhaseRotation</b>
[OCPP] Add timestamp in StatusNotification message
[OCPP] Support <b>ChargeRecordUseTotalEnergy</b> configuration key: Control whether starting meter value of order is 0 or cumulative metervalue
Bugs
Wake-up logic improvement
Diagnostic log file readability improvement
Wrong LED behavior after stopping charging session that experienced an excessive voltage
C-board reboot issue after remote start of charging session
OCPP missing metervalue message
4G connection process improvement
Increase certificate length reading capabilities
Charger restart issue after Central System connection
Occasional timestamp issue in order information
DLM functionality improvement to avoid suspendedEVSE issue
Suspended charging session – info field update (EV side disconnect)
BLE data overflow issue
Abnormal order time due to power failure
Resolve ParentIdTag issue when StopChargingOnlyWithSameCard is set to false
Known issues
Bluetooth broadcast sometimes disappear
[OCPP] `StopTxnAlignedData` and `StopTxnSampledData` are not reported in "StopTransaction" message for offline scenarios.
Occasional charger reboot in stressed conditions