—

Firmware v1.8.36 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,

J.L.R. Visser
Product Marketing Manager ABB Electrification

Applicable products

This release is applicable to:
- Terra AC Wallbox JPN charger variant.

Changes between firmware version 1.8.34 and 1.8.36

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

Bugs	
	Fixed a certificate loading failure that occurred with larger certificates by increasing the dedicated buffer size from 6200 to 7000 bytes
	Fix a problem that Charger no longer reports abnormal status when power is cycled during charging
	Fixed an issue where connecting a 3-phase charger to a 1-phase smart meter would cause the DLM (Dynamic Load Management) connection to fail – found in M4M meter
	Corrected inaccurate data reporting to the platform when electricity meter readings were negative – found in M4M meter
	LAN connection now retries up to 3 times on failure. Further attempts are paused until a successful connection resets the retry count.
	Wi-Fi Memory overflow issue
	Optimized Regulation Strategy: When the grid load reaches its upper limit, the regulation strategy has been adjusted from "immediate charging suspension" to "soft load reduction according to Upper Limit - 1".
	Synchronously report the CP voltage value in the StatusNotification

Known issues	
	Bluetooth broadcast sometimes disappears
	[OCPP] `StopTxnAlignedData` and `StopTxnSampledData` are not reported in "StopTransaction" message for offline scenarios.
	E-lock failures for socket version may be reported twice to the platform in certain scenarios
	Occasional charger reboot in stressed conditions