

# Star Charge Firmware Release Note - E365\_Aries V2\_V2.2703.0 User Unit (Standard)

## 1.Change Resume

Date	User Unit	FW Number	FW Version	Note	FOTA	烧录包	PIC
21 Nov 2025	User Unit	E365	V2.2703.0_20251030	Normal	Yes	All	Abdul Mannan
31 Oct 2025	User Unit	E365	V2.2702.0_20251030	Normal	Yes	All	Abdul Mannan
28 Mar 2025	User Unit	E365	V2.2601.0_20250328	Normal	Yes	All	Leslie

## 2.Description

### EVSE Model:

User Unit: Aries V2 User Unit

### Product Manual:

Attached to the Cloud Drive

### FW Cloud Drive Link:

User Unit:

<https://wbenergy.feishu.cn/drive/folder/E7RefluPhl6BwtdFCMPc6XsJneh>

# 3.Special Instructions

## 3.1 Upgrade and Burn Instructions:

Please check the version change record in the Cloud Drive link provided above.

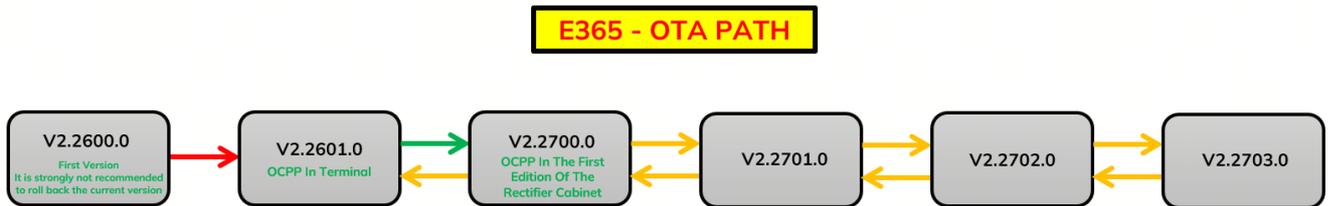
**Note:**

Versions prior to 2.2702.0 cannot be OTA upgraded to 2.2702.0 or later versions. Versions 2.2702.0 and later can be upgraded or downgraded normally (2.2701.0 does not support OTA upgrade either).

Due to the abnormal configuration file issue in version V2.2702.0, it is recommended to abandon it directly and not use in the future. The latest update, version V2.2703.0 requires a full card upgrade.

## 3.2 Upgrade roadmap:

User Unit:



## 3.3 Upgrade roadmap Explanation:

- Green arrow → Upgrade not necessary
- Red arrow → Upgrade necessary
- Yellow arrow → Upgrade only supports card brush
- Green arrow ← Degrade not necessary
- Red arrow ← Degrade necessary
- Yellow arrow ← Degrade only supports card brush

The orange arrow indicates that it only supports SD card upgrades and does not support OTA upgrades.

The red arrow indicates that the version must be upgraded, which can be done via OTA upgrade.

Green arrow, representing a version whose upgrade can be skipped, can be upgraded via OTA.

# 4.Release Version

User Unit : V2.2703.0\_20251112

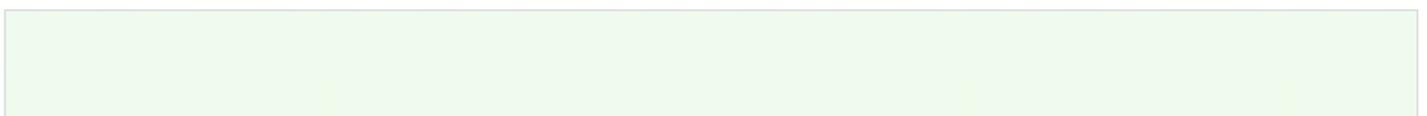
Version Change Record For User Unit - Nov 21, 2025

<b>User Unit V2.2703.0 - 2025.11.21 (Abdul Mannan Waseem)</b>			
<b>Release Version of Modules</b>			
Item	Module/File Name	Release Version	Change or not Based on Previous Version
1	A53	V2.2703.0	YES
2	M4	B2.3.9	NO
3	SECC	V1.7.61	NO
4	ENV	V1.0.1	NO
<b>Change Logs</b>			
Item	Classification	Issue Description	Solutions
1	修正 correct		<ol style="list-style-type: none"><li>1. Resolve the problem that some product types have not updated version numbers in version 2.2702.0</li><li>2. Resolve the problem of selecting non-European javelin type and displaying CCS2 type in version 2.2702.0</li></ol>

## 4.1 Old Version

User Unit : V2.2702.0\_20251030

Version Change Record For User Unit - Oct 31, 2025



# User Unit V2.2702.0 - 2025.10.31 (Abdul Mannan Waseem)

## Release Version of Modules

Item	Module/File Name	Release Version	Change or not Based on Previous Version
1	A53	V2.2702.0	YES
2	M4	B2.3.9	YES
3	SECC	V1.7.61	YES
4	ENV	V1.0.1	NO

## Change Logs

Item	Classification	Issue Description	Solutions
1	新增 Add		<ol style="list-style-type: none"><li>1. Add OCPP on/off OTP function</li></ol>
2	修正 correct		<ol style="list-style-type: none"><li>1. Solve the problem that AM62 cannot be burned in the production line of Aries V2 standard products.</li><li>2. Solving OTA Issues</li></ol>
3	优化 optimizationcorrectAdd		<ol style="list-style-type: none"><li>1. Insulation self-test function optimization</li><li>2. Fix the problem of current limiting when boost is not turned on and the problem of boost calculation error when the temperature is below zero.</li><li>3. The gun lock failure caused by the PD voltage pulled to 0 at the vehicle end after the US standard charging of EV6 and N7 models is completed;</li><li>4. After M4 restarts, the power data of the first package of electric meters is not initialized normally.</li><li>5. Optimize the EVPwrMax calculation to prevent the EVPwrMax from becoming smaller during the formal charging phase and causing power fluctuations</li></ol>

			<ol style="list-style-type: none"> <li>6. Relay filter timing problem</li> <li>7. When judging relay failure during charging, add 2.5 delay filtering judgment</li> <li>8. Fix the problem that remote startup in MAC mode does not send startup commands to secc</li> <li>9. Do not detect the gun lock within 6 seconds of inserting the gun</li> </ol>
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User Unit : V2.2601.0\_20250328

## Version Change Record For User Unit - Initial Version

User Unit V2.2601.2 - 2025.03.28 (Leslie)			
Release Version of Modules			
Item	Module/File Name	Release Version	Change or not Based on Previous Version
1	A53	V2.2601.0	YES
2	M4	B2.3.7	NO
3	SECC	V1.7.50	NO
4	ENV	V1.0.1	NO
Change Logs			
Item	Classification	Issue Description	Solutions
1	新增 Add		<ol style="list-style-type: none"> <li>1. Repair dumping, liquid level logic</li> <li>2. Increase the boost strategy</li> <li>3. BCB</li> </ol>