

ASSESSMENT ACCORDING TO ISO 26262:2018



TECRIS SAS
121 rue d'Aguesseau
92100 Boulogne-Billancourt
France

Assessment number

2022-11

Assessed company

wattalps® 410 rue Aldo Eriani
38430 Moirans, France

Assessed product

Gen 3 modular battery system PRO-INT-003

Product definition

Gen 3 modular battery system
Gen 3 slave BMS and gen 3 master BMS
Safety software version A

I undersigned Mr. Bruno MAJOT from TECRIS company hereby assess the safety processes and evidence on WATTALPS modular battery system (PRO-INT-003 project) regarding the ISO 26262 functional safety standard.

The functional safety approach has been initiated in January 2019 within WATTALPS company and analyzed ever since by TECRIS on PRO-INT-003 project. The safety case content has been subjected to regular confirmation measures and to a final assessment on March the 14th 2023. The assessment result is a pass regarding ISO 26262 standard for the project development and supporting processes. Products achievements regarding functional safety are summarized hereunder.

Confirmation measures:

- ISO 26262-2
- ISO 26262-3
- ISO 26262-4
- ISO 26262-5
- ISO 26262-6
- ISO 26262-8
- ISO 26262-9

Electronic functional safety is rated as follows:

- **ASIL C** for BMS master & slave against thermal runaway, for up to 21 modules
- **ASIL B** for the whole battery system against thermal runaway for more than 21 modules
- **Optionally up to ASIL B** for the whole battery system against untimely power disconnection
- **Optionally ASIL C** for the whole battery system for emergency signal handling.
- **ASIL D equivalent** using "other technologies" for the whole battery system concerning functional safety against electric shock, burns and explosion hazards

Assessor

Bruno MAJOT

Date of assessment

2023/03/14

Signature

TECRIS
15, rue des Mongazons - BL N° 15
78200 MAGNANVILLE
Tél / Fax : 01 30 93 24 78
tecris@tecris.fr
SIRET 450 944 525 00028 - NAF 7112 B