# Declaration of Conformity

## (No.: 2026090113001)

**Product: Lithium Ion Batteries**

**Battery Category: Industrial Battery**

**Model Number:VT-48290**

**Manufacturer**: V-TAC EUROPE Ltd
**Address**: Karavelow 9B, bul.L.Plovdiv 4000, Bulgaria

We, V-TAC EUROPE Ltd declare under our sole responsibility that the above referenced product is in conformity with the applicable requirements of the following Regulations:

EU Battery Regulation: (EU) 2023/1542.

Conformity with these directives has been assessed for the product by demonstrating compliance to the following technical specifications/standards and/or regulations:

| | |
|---|---|
| **Restrictions on substances** | **Article 6 to Regulation (EU) 2023/1542** |
| **Performance and durability requirements** | **Article 10 to Regulation (EU) 2023/1542** |
| **Safety of stationary battery energy storage systems** | **Article 12 to Regulation (EU) 2023/1542** |
| **Information on the state of health and expected lifetime of batteries** | **Article 14 to Regulation (EU) 2023/1542** |

The manufacturer applied the procedure for assessment of conformity as per (EU) 2023/1542, Annex VIII, Part A (INTERNAL PRODUCTION CONTROL).

No Notified Body was involved.

Signed for and on behalf of:

Name: Tihomir Ivanov

Position: Manager

Signature:

Place/Date: Sofia/2026-09-01

ВИ-ТЕК ЕВРОПА ООД V-TAC EUROPE Ltd.

**ANNEX I**
**Compliance Commitment Letter for Article 6 of (EU) 2023/1542**
**Prohibited and restricted substances compliance statement**

**Product: Lithium Ion Batteries**
**Battery Category: Industrial Battery**
**Model Number: VT-48290**
**Manufacturer**: V-TAC EUROPE Ltd
**Address:** Karavelow 9B, bul.L.Plovdiv 4000, Bulgaria

We, V-TAC EUROPE Ltd declares that the products listed in the attached table meet the requirements of Reference to European Council Directive 2000/53/EC and its amendment directives, Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH Regulation (EU) 2023/1542 of the European Parliament and of the Council Concerning Batteries and Waste Batteries.

Our company is willing to actively cooperate with your company's control of prohibited and restricted substances in automobiles. Our company promises to bear corresponding economic and legal responsibilities in case of losses caused by violating this statement.

| Part number | Part name | Lead | Mercury | Cadmium |
|---|---|---|---|---|
| 1 | Battery | ≤0.01% | ≤0.0005% | ≤0.002% |

-(EU) 2023/1542: Lead (0.01%), Mercury (0.0005%), Cadmium (0.002%)
-Although the above-mentioned substances are not permitted to be used or to be incorporated into final product, we can't exclude any possibility that negligible residues may be present. Please note that this declaration letter applies only to VT-48290 product.

Signed for and on behalf of:

Name: Tihomir Ivanov

Position: Manager

Signature:

Place/Date: Sofia/2026-09-01

ВИ-ТЕК ЕВРОПА ООД V-TAC EUROPE Ltd.

**ANNEX IV**
**Performance and durability requirements for rechargeable industrial batteries, LMT batteries and electric vehicle batteries-Article 10**

**Product: Lithium Ion Batteries**
**Battery Category: Industrial Battery**
**Model Number: VT-48290**
**Manufacturer**: V-TAC EUROPE Ltd
**Address:** Karavelow 9B, bul.L.Plovdiv 4000, Bulgaria

Table 1 Electrochemical performance and durability Parameters Values

| Parameters | Values |
|---|---|
| Rated Capacity (in Ah) | 314Ah(1/2C)/314Ah(1/3C) |
| Rated Capacity fade | After 7000 reference cycles, capacity retention is 70% |
| Power (in W) | 80%SOC@7.78kW<br>50%SOC@7.66kW<br>20%SOC@7.53kW |
| Power fade (in %) | Meet client requirements,<br>80%SOC, fade is 0%，20%SOC, fade is 2% |
| Internal resistance (in Ω) | Original internal d.c. resistance $R_{dc}$ is no more than 16mΩ |
| Internal resistance increase (in %) | After 7000 cycles, internal d.c. resistance increase is 50% |
| Energy round trip efficiency (in %) | Original discharging energy/Original charging energy=94% |
| Energy round trip efficiency fade (in %) | After 7000 cycles, energy round trip efficiency fade is no more than 10% |
| Expected lifetime of the battery | After 7000 cycles, capacity retention rate is 70%@25℃ |

Signed for and on behalf of

Name: Tihomir Ivanov

Position: Manager

Signature:

Place/Date: Sofia/2026-09-01

