

# ADR-Confirmation

It is hereby confirmed that the modular

## RCT Power Battery Stack 1.9

when used as intended by instructed users, comply with the dangerous good's legal requirements of ADR 2023 ADR 2023 (BGBl. 2022 comply II S. 601).

The testing of the dangerous goods modules mentioned is carried out according to the following assessments:

### 1. Classification

The classification of the lithium iron phosphate (LFP) battery cells corresponds to **class 9**.

### 2. Transport category of an RCT Power Battery Stack 1.9

**UN3480** corresponds to **transport category 2** (multiplier 3) **max. 333 Kg**

Important:

For the calculation of points, only the weight (total mass in kg) of the battery cells is decisive for items such as batteries.

1 Battery cell weighs = 0,52kg  
**1 RCT Power Battery Stack 1.9** with 24 Battery cells weigh 12,48kg **≈ 12,5kg**

According to the "1000-point rule", this corresponds to **transport category 2**.  
That is 37.5 points with multiplier 3 (promotion category 2) **≈ 38 Points**

### 3. UN 38.3

The Power Battery Stack 1.9 has been tested prior to transport in accordance with UN Manual of Tests and Criteria Part III, Subsection 38.3 under Sections 30 and 31 and 32 and 33 and has been assessed as **passing**.

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