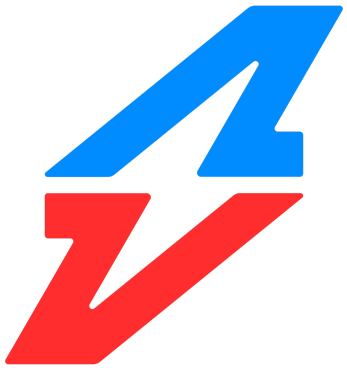


# ARC Championship Robot Building Specifications

2025 - 2026

V1.3

# Release Notes

| Date | Version | Release Notes |
|---|---|---|
| March 17, 2026 | 1.3 | References RMUS Robot Building Specifications V1.3.0 |
| February 1, 2026 | 1.2 | References RMUS Robot Building Specifications V1.2.0<br>Add exemption for internal batteries on non-robot power systems |
| October 28, 2025 | 1.0 | Initial Release |

# Reference to RoboMaster University Series Robot Building Specifications

This manual is defined as a set of modifications to the English version of the 2026 RoboMaster University Series Robot Building Specifications V1.3.0 found on the RoboMaster website. All relevant rules contained within that manual apply except where noted in this manual. Additional key points are:

- The ARCC interpretation of the RoboMaster manual shall be from the perspective of RMUL.
    - For example, S55 mentions “Custom Clients may only be used for RMUC”. This means the rule does not apply to ARCC 2026, since ARCC 2026 should be considered like an RMUL event.
    - This also implies that any rules specific to robots not included in ARCC, such as Dart and Aerial, are not applicable.
- The ARC Organizing Group is the ARCC equivalent of the RMOC.

# 1. Exceptions to rules in RoboMaster Robot Building Specifications

The following are specific exceptions to all specifications and recommendations from the Robot Building Specifications.

A1. In S21, any wireless communication hardware that is not possible to be removed (for example, a wifi antenna built into a SoC) shall be disabled such that it does not transmit. The maximum penalty for any illegal wireless communication with a robot during the competition shall be Disqualification.

A2. S25 specifies types of non-scanning lasers allowed. At ARCC, no visible lasers are allowed on any robot type. Any rules regarding the Radar Station or Drone are not applicable.

A3. S42 requires advertising spaces to be put on both sides of the robot and maintain 30mm from the light strips on either side of the armor module. ARCC does not require that teams put advertising spaces on both sides of the robot, but *does* require advertising spaces be at least 30mm from the light strips on either side of the armor module.

A4. In S44, ARCC will not restrict the number or size of the advertising spaces. However, the Head Inspector reserves all rights to determine if any graphical design interferes with the regular visual indicators of armor modules or stickers.

A5. In S45, ARCC will not restrict advertisements on custom controllers.

A6. With regards to aesthetic design, teams may be asked to remove any inappropriate or distracting imagery at the discretion of the ARC Operations Group.

A7. In Section 2.1.10, “In RMUL, Robots are not required to install the fluorescent energy charging device” shall be ignored. All Robots with 17mm projectile launchers in ARCC are **required** to install a 17mm Fluorescent Energy Charging Device. The installed device does not need to be the same as the one specified in the manual, alternate or custom parts are allowed.

A8. In S85, computational platforms do not need to use open-source operating systems.

A9. In S86, the photographs of the robots shall be included in the Final Assessment.

A10. In Section 2.3, the “Maximum Storage Size” shall be attained in a powered-on state. The Maximum Storage Size will also be referred to as the "Maximum Initial Size” or “Initial Size.”

A11. Elaborating on S139, the following must also be followed: When the Chassis port of the Power Management Module is disabled, all chassis motors’ motor controllers must immediately lose power. Power is not allowed to pass from stored energy in the supercapacitor bank to the Chassis devices. Software disabling of chassis motors is not sufficient.

A12. Regarding Section 2.1.1.1 Power Supply, any commercial-off-the-shelf electronic devices (such as action cameras) which are entirely unconnected to the robot’s other systems (including but not limited to Chassis, Ammo booster, mini PC, and Gimbal) are permitted to contain and be powered using their internal batteries.

Any auxiliary devices as described above must comply with all other relevant rules, such as size limits, light emissions, and wireless communications.

# ARC Robotics 2026

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