



## Power Ion accumulators 2600,2900-2S1P, 5200,5800-2S2P

**Power-Ion accumulators** 2600,2900 – 2S1P a 5200,5800 – 2S2P are battery packs suitable to power the receiver and servos in the model.

The main advantages of Power-Ion accumulators include high mechanical resistance due to keeping in a metal case. The accumulators are also characterized by a long cycle life. No balancer is needed for their operation and in case the current is higher than 150A, short circuit protection is activated. Over-charge protection is activated if the charging voltage is higher than 5V per cell. The accumulators are functional even at very low or very high temperatures (-10 - +60°C).

Each pack is provided with one two-wire cable with the JR connector for charging and with one two-wire cable with the MPX connector for connection to the model. Both cables are of the same length.

The accumulators are supplied in a plastic case and are fastened to it by Velcro. The case itself is screwed to a model using anti-vibration rubber grommets, see the picture below. Pay attention to correct placing of the brass washer. Its wider part should be in contact with the assembly board to which the battery case is mounted to avoid extruding the material.



Pack type	Nominal capacity	Nominal/ Maximum voltage	Weight	Dimensions	Discharge – continuous/ peak current	Charge current
Power Ion 2600 2S1P	2600mAh	7.2V/8.4V	136g	104x47x32mm	20A / 40A	4A
Power Ion 2900 2S1P	2900mAh	7.2V/8,4V	136g	104x47x32mm	20A / 40A	4A
Power Ion 5800 2S2P	5800mAh	7.2V/8.4V	230g	104x47x50mm	40A / 80A	8A
Power Ion 5200 2S2P	5200mAh	7.2V/8.4V	230g	104x47x50mm	40A / 80A	8A

### Attention:

- avoid voltage drop below 2.6V per cell
- avoid short circuit
- in case of mechanical damage the cell must be replaced
- do not put the cells in fire, respect the maximum operating temperature of +60°C
- do not penetrate the metal case – the temperature of the cell may then increase and irritant gas may appear