



AUTOID[®] Q9 Series Four-slot Battery Charger

Product Specification V0.1



SEUIC Technologies Co., Ltd.

I. Physical Parameters and Environment Parameters

Rated input voltage	DC 12±1V
Rated input current	DC 5A (MAX)
Rated output voltage	DC 4.4±2% V * 4
Rated output current	DC 2A*4(MAX)
LED indicator	Power status indicator (green: power adapter) Battery charging indicator * 4 (red: charging; green: charging completed)
Data interface	DC interface
Operating temperature	0°C~55°C
Operating humidity	<90%RH
Storage temperature	-20°C~ +70°C
Storage humidity	<95%RH
Cooling mode	Natural convection
IP protection	IP30
Reliability	1m drop to cement floor
Spring pin connector	On resistance < 100mΩ
Antistatic level	Contact electrostatic test ≤ 8KV
Safety specification standard	GB60950 UL1950 GB4943
DC interface insertion and extraction force	≥0.3KGF
Weight	<209g
Overall dimension	160*115*111mm (L*W*H)
Standard accessories	12V 5A adapter × 1, packing materials

II. Operating Instructions and Schematic Diagram



Figure 1: Structural diagram

- 1) Fix the battery in the battery card slot of the four-slot battery charger (as shown in Figure 1);
- 2) Using AC power, insert the AC plug of the supporting power adapter into the standard socket and make it contact well;
- 3) Use the supporting DC charging line to reliably connect the DC head of the power adapter with the four-slot battery charger;
- 4) Status indication of battery charging indicator: ①Not on without the battery; ②Charging: red; ③Fully charged: green; ④Fault: red and green flashing alternately;
- 5) During charging, it is normal for the battery and the four-slot battery charger to have slight heating.

III. Notes

- Before using this equipment, please read the operating instructions and product surface identification carefully.
- Please use the battery in a normal indoor environment. Temperature: 0 ~ 55 °C, relative temperature: <90% RH;
- During use, keep away from heat source and high voltage, avoid children playing with the equipment, and do not beat the charger;
- Please keep the connector clean. Do not let other metal objects directly contact the connector of the charger during use, otherwise this product may be damaged due to danger or short circuit;
- Do not throw and impact the equipment or use it in a strong vibration environment, otherwise the charging effect will be damaged or affected;
- This equipment can only be charged with the supporting power adapter;
- In case of failure, please consult your local dealer or our customer service center.