

SwissCharger G3 - Operating Instructions

Dear Customer,

We compliment you on your purchase of the Quick Charger G3, designed for rechargeable batteries. It is currently one of the most up-to-date and safe to operate units of its kind.

Function overview



- ① Loading bay for 1 - 4 rechargeable batteries, standards AA and AAA
- ② LCD display
- ③ Refresh / discharge key
- ④ Dust cover

Important safety Notes

The high tech unit SwissCharger G3 features a multitude of control and monitoring microprocessors to optimize performance and safety. All functions are fully automatic and do not require any involvement by the user.

The following mandatory cautions must be heeded:

- **The unit is intended for indoor use only**
- **The charger must be protected against humidity, grime, dust solvents, extreme ambient temperature as well as blows / dropping**
- **Never attempt to open the charger case. In case of malfunction, refer to qualified service personnel**

Startup

- Connect the power cord first with the charger and then with the power outlet
- The integrated power supply unit automatically adjusts to all types of AC power voltage and frequency worldwide

Charging Process

- Place the required number of batteries into loading bay ①
- Immediately upon placing batteries, charging process will start

- Each loading bay is individually monitored by the microprocessor. This feature enables simultaneous charging of different battery types, sizes, capacities, brands and charging status.
- During the charging process, it is normal for batteries to attain temperatures of up ca. 50°C (120°F). For better ventilation, keep dust cover ④ open.
- The charging process is automatically halted for each battery when fully charged. Batteries may remain in bays indefinitely.
- The longest battery life is achieved if batteries are periodically discharged in controlled fashion down to 0.85 V. This is enabled by pushing the Refresh / Discharge button ③ while batteries are in their bays. Upon reaching the end of the discharge process, the unit automatically switches to charging mode.

LCD Display ②

The illuminated LCD display continuously shows the operating status as determined by the microprocessor process analyzer



- Bottom to top blinking segments of battery symbols indicate the individual charging status of each battery.
- At conclusion of the charging process, battery symbols remain steady
- During refresh / discharging process, symbols are blinking from top to bottom
- ALARM: In case all battery symbols are blinking simultaneously, the charging process is halted (reason may be found in a defective battery or in that a one-way battery has been placed in a bay).

Technical Data:

Input voltage	: 100 - 240V AC	Safety timer	: Yes
Charging current	: AA 2000mA max. AAA 1000mA max.	Temperature monitoring	: Yes
Ambient temp. range	: 0 - 45°C (32 - 113°F)	Short circuit protection	: Yes
Automatic Charging	: Yes	Polarity reversal protection	: Yes
Permitted batt. types	: NiMH + NiCd	One-way batt. Recognition	: Yes
Refresh function	: Yes	Charger dimensions	: 111 x 72 x 36 mm
		Unit weight	: 115 grams