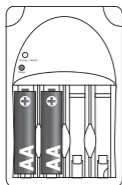


battery charger • Akkuladegerät

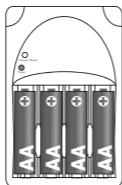


SC UPUTSTVO ZA KORISCENJE PUNJACA

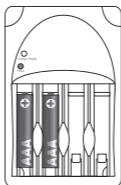
GB Operating instructions



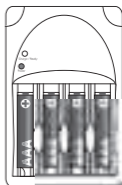
2 x Mignon AA



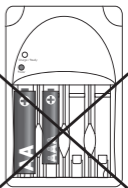
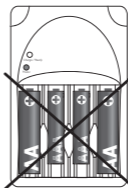
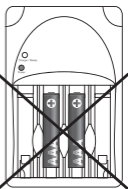
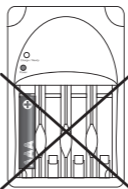
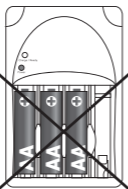
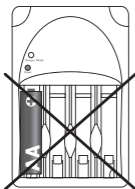
4 x Mignon AA



2 x Micro AAA

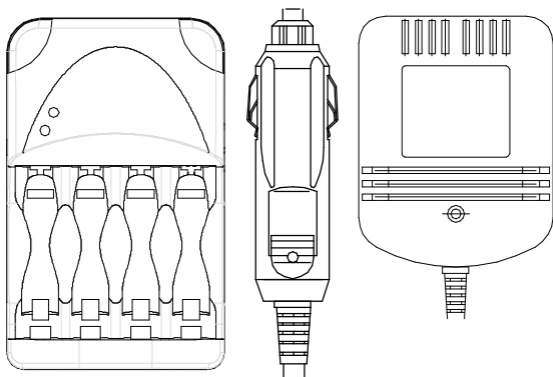


4 x Micro AAA



version 5.1 .

Subjects to change without notice
Änderungen vorbehalten



Tehnicki podaci

Ulaz /

230V AC 50Hz; 12-13.8V DC

Struja punjenja:

AA / 800mA AAA / 300mA

	Tip baterije	Struja punjenja	Vreme punjenja
NiMH/NiCd Mignon AA	1400 mAh	800 mA	približno 2.0 č.
	2100 mAh		približno 3.0 č.
	2300 mAh		približno 3.5 č.
	2600 mAh		približno 4.0 č.
NiMH/NiCd Micro AAA	350 mAh	300 mA	približno 1.4 č.
	500 mAh		približno 2.0 č.
	900 mAh		približno 3.6 č.

UPUTSTVO ZA KORISCENJE PUNJACA **Xpert 800**

Ovaj punjac se koristi za punjenje NiCd i NiMH punjivih baterija velicine AA-minjon i AAA-mikro. Punjac je «kontrolisan» proizveden u mikroprocesorskoj tehnologiji. Sa njim se ne smeju puniti alkalne, cink-ugalj, litijumske ili druge vrste baterija.

Struja punjenja za AA-minjon baterije iznosi 800mA odnosno 300mA za AAA-mikro baterija, sa mogucnoscu kraceg vremena punjenja zavisno od kapaciteta baterije – 4 sata pri normalnoj temperaturi

Osnovne karakteristike punjaca

Mikroprocesorski kontrolisano punjenje baterija obezbedjuje visok kvalitet punjenja baterija do punog kapaciteta itime obezbedjuje dugotrajno koriscenje; Visoke struje kontrolisanog punjenja (AA baterije sa 800mA i AAA sa 300mA) obezbeduju kratko vreme punjenja baterija; Istovremeno se moze puniti 2 ili 4 (2/4) baterije AA ili AAA velicine; Automatski podesava struju punjenja zavisno od velicine celija koje se pune i njihovog kapaciteta; Detektuje neispravne baterije; Obezbedjuje zastitu od pogresnog polariteta; Preko LED dioda prikazuje stanje napunjenosti baterije.

Sigurnosna zastita od prepunjavanja baterije se obezbedjuje

Funkcijom mikroprocesora –dV gradijentom napona punjac obezbedjuje trenutak kada se baterija napuni i automatski iskljucuje. Funkcija iskljucenja punjaca na osnovu postizanja maksimalno dozvoljene temperature baterija (temperaturna zastita). Funkcija iskljucenja punjaca na osnovu zastite od napona (naponska zastita) i sigurnosnog tajmera.

Uputstvo za koriscenje

1. Prikljucivanje punjaca na rad preko kucne mreze

Spojiti uticnim kablom adapter i punjac.

1a. Prikljucivanje punjaca u kolima.

Povezati kabl u punjac. Povezati DC ulazni prikljucak sa utikacem upaljaca u kolima(12V).

2. Prekidac za izbor punjenja 2 ili 4 baterije

Ubaciti baterije u punjac vodeci racuna o polaritetu + ili – Za punjenje 4 baterije AA ili AAA ubaciti u punjac i namestiti preklopnik na poziciju 4. Za punjenje 2 baterije namestiti preklopnik na poziciju 2 na punjacu i ubaciti 2 baterije u dva leva kanala. Nije moguće puniti 1 ili 3 baterije, vec samo paran broj.

3. Indikacije LED diodama

LED dioda «crveno» oznacava da je punjac ukljucen (power)

LED dioda «crveno» (charge/ready) oznacava da se baterija brzo puni

LED dioda (charge/ready) svetli zeleno oznacava da su baterije potpuno napunjene.

LED dioda (charge/ready) trepce crveno – oznacava da je baterija losa - neispravna.

Napomena:

Prilikom punjenja je normalno da baterije postanu vruće. U koliko se temperatura baterija poveća do određenog stepena, punjac automatski smanjuje struju punjenja radi zaštite baterija. U ovom slučaju će punjenje trajati duže nego obično.

Punjac se nalazi u modu greske u sledećim situacijama:

1. Baterija nije ubacena u punjac, ili baterije nisu u parnom broju (2/4) stavljene u odgovarajuću poziciju punjaca. 2. Baterije nisu odgovarajuće ubacene (vidi sliku 1). 3. Baterije nisu ubacene u punjac odgovarajućim polaritetom. 4. Baterije oštećene ili u kratkom spoju.

4. Kraj punjenja

LED dioda (charge/ready) počinje da svetli zeleno – označava da je baterija potpuno puna.

Izvaditi priključak na kablju iz utikaca mrežnog napajanja ili cigaretnih utikaca u vozilu.

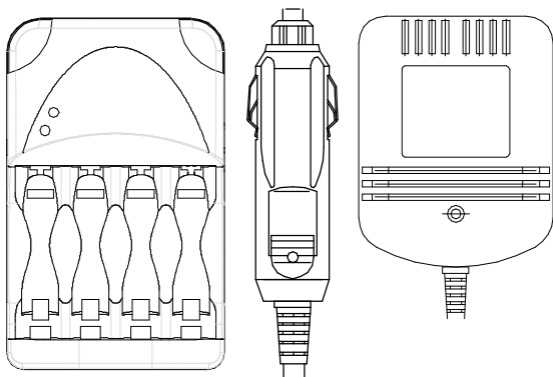
Pratiti proces od koraka 1 za punjenje novog seta baterija.

Napomena: Radna temperatura punjaca: 20-25 C.



Vazna sigurnosna uputstva

1. Pre punjenja pročitati uputstvo.
2. Punjac je izrađen za korišćenje u zatvorenom prostoru, ne izlagati ga kisi i vlazi.
3. Punjac je namenjen za punjenje AA/AAA NiMH ili NiCd punjivih baterija. Punjenje drugih tipova baterija može prouzrokovati kvar ili oštećenja punjaca.
4. Ne mesati veličinu (AA/AAA) baterija kao ni različite kapacitete u punjaku.
5. Ne mesati Nikl-metal-hidrid (NiMH) i Nikl-Cadmium (NiCd) baterije u punjaku.
6. Puniti samo jedan tip baterija istovremeno.
7. Izvaditi kabl sa uticnicom iz mreže ili iz upaljaca kola kada se punjac ne koristi.
8. Nikad ne koristiti produžni kabl ili improvizovane priključne kablove koji mogu izazvati požar, električni udar ili povrede.
9. Ne koristite punjac ako se sumnja da je oštećen ili pokvaren. Za popravku se obratite ovlašćenom serviseru.
10. Ne preporučuje se da deca koriste punjac.
11. Ne ovlašćena lica ne smeju da otvaraju punjac jer nestručno servisiranje može uzrokovati požar ili strujni udar.
12. Isključiti punjac iz mreže prilikom ciscenja. Cistiti isključivo suvom krpom.



technical data •

Input 230V AC 50Hz; 12-13.8V DC
 Charging current AA / 800mA AAA / 300mA

	type of battery	charging current	charging time
NiMH/NiCd Mignon AA	1400 mAh	800 mA	approx. 2.0 hrs
	2100 mAh		approx. 3.0 hrs
	2300 mAh		approx. 3.5 hrs
	2600 mAh		approx. 4.0 hrs
NiMH/NiCd Micro AAA	350 mAh	300 mA	approx. 1.4 hrs.
	500 mAh		approx. 2.0 hrs.
	900 mAh		approx. 3.6 hrs.

Operating instructions **Xpert 800**

This Charger is controlled by an intelligent Microprocessor and designed to charge Nickel Metal Hydride and Nickel Cadmium AA, AAA size rechargeable batteries. Please note that the charger must not be used for Alkaline, Zinc Carbon, Lithium or any kind of battery other than Nickel Metal Hydride or Nickel Cadmium. Charging current is 800mA for AA and 300mA for AAA. This is why charging times of less than 4 hours can be achieved, depending on battery capacities.

Charger Description:

Charging is controlled by a special intelligent Microprocessor, supplying optimum charging current to prolong battery cycle life and accelerate charging; The unit can charge 2/4 AA or 2/4 AAA batteries at a time; Automatic charge current selection for size AA & AAA; Faulty cell detection; Reverse-polarity protection; LED display for rapid charge / trickle charge / faulty cell detection.

Safety features

- dV cut off function when battery is fully charged;
- Maximum temperature cut off function;
- Safety timer cut off.

Instructions for use

1. To connect the charger to the mains.
Connect the mains adaptor output plug to the charger input socket. Connect the mains adaptor AC input plug to suitable AC mains.
- 1a. To use the charger in a vehicle.
Connect the cigarette plug output plug to the charger input socket. Connect the DC input plug (cigarette lighter plug) into the vehicle cigarette lighter socket. [12volt negative earth systems only]
2. Selector switch and inserting batteries into the charger.
Insert batteries into the charger as per the "+" "-" indication. To charge 4 AA batteries, slide the battery switch to the "4" position and put 4 batteries in the charger. To charge 2 batteries, slide the battery switch to the "2" position and put 2 batteries in the left two channels. It is not possible to charge 1 or 3 batteries. Please see Fig1.
3. Charging and LED indication The LED "Power" (red) on the charger is illuminated to indicate the charger is on.
The LED "Charge/Ready" is illuminated red to indicate batteries are fast charging.
The LED "Charge/Ready" illuminates green to indicate batteries are now fully charged.
The LED "Charge/Ready" flashes red to indicate a faulty cell.

Note: It is normal that batteries will become hot during charging. If the battery temperature becomes too hot during charging, charge current will be limited automatically to protect the batteries. In this case charging times can be longer than under normal conditions. The charger will not supply charging current when in default mode as described below:

- A. No battery inserted into the charger, or the "2/4" option switch is not in the correct position;
 - B. Batteries are not inserted correctly; Please see Fig. 1;
 - C. Battery connected with reverse-polarity.
 - D. Battery defective.
4. End of Charge: The LED "Charge/Ready" illuminates steady green to indicate the batteries are fully charged. Batteries can be taken out and are ready for use. Remove the mains adaptor or cigarette plug from the power source at end of charging. Follow the process from step 1 to charge a new set of batteries.

Note: Working temperature for charger: 20-25.



Important Safety Instructions:

1. Before charging - read all instructions for use;
2. This charger is designed for indoor use only, do not expose to damp or rain;
3. This charger is intended to charge AA/AAA Nickel-metal-hydride or Nickel-Cadmium rechargeable batteries only. Attempting to charge any other types of batteries may cause personal injury and damage;
4. Do not mix AA/AAA, or different capacity batteries together to charge;
5. Do not mix Nickel-Metal-Hydride batteries together with Nickel-Cadmium batteries;
6. Recharge only one type of battery at each time;
7. Remove adaptor AC input plug from AC mains when not in use. Disconnect cigarette plug from power socket if used in a vehicle and not in use;
8. Never use an extension cord or any attachment not recommended by manufacturer, otherwise this may result in a risk of fire, electric shock or injury to persons;
9. Do not operate the charger if it has been subjected to shock or damage. Take it to a qualified service centre for repair;
10. Not recommended for use by children;
11. Do not attempt to disassemble the charger. Incorrect reassembly may result in a risk of electric shock or fire;
12. Unplug the charger from the outlet before attempting any maintenance or cleaning. Clean only with a dry cloth.