

Professional

GAL 18V6-80



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Bezbednosne napomene



Pročitajte sve bezbednosne napomene i uputstva. Propusti u poštovanju bezbednosnih napomena i uputstava mogu da

prouzrokuju električni udar, požar i/ili teške povrede.

Dobro čuvajte ova uputstva.

Koristite uređaj za punjenje samo, ako ste u potpunosti procenili sve funkcije i možete da ih izvedete bez ograničenja ili ako ste dobili odgovarajuća uputstva.

- **Nije predviđeno da ovim punjačem rukuju deca ili lica sa ograničenim fizičkim, čulnim i mentalnim sposobnostima ili nedovoljnim iskustvom i znanjem.** Ovaj punjač mogu da koriste deca od 8 godina i lica sa ograničenim psihičkim, čulnim ili mentalnim sposobnostima ili lica sa nedostatkom iskustva i znanja, ukoliko ih nadzire lice koje je odgovorno za njihovu sigurnost ili ako ih ono uputi u siguran rad sa punjačem i ako razumeju s time povezane opasnosti. U suprotnom postoji opasnost od pogrešnog rukovanja i povreda.
- **Prilikom korišćenja, čišćenja i održavanja nadzirite decu.** Na taj način obezbeđujete, da se deca ne igraju punjačem.
- **Punite samo Bosch litijum-jonske akumulatore ili akumulatore AMPShare partnera od kapaciteta najmanje 1,3 Ah.** Napon akumulatora mora da odgovara naponu punjenja akumulatora na punjaču. **Nemojte da punite akumulatore koji nisu za ponovno punjenje.** U suprotnom postoji opasnost od požara i eksplozije.



Punjač koristite samo u zatvorenim prostorima i držite ga dalje od vlage. Prodor vode u punjač povećava rizik od električnog udara.

- **Održavajte čistoću punjača.** Zbog nečistoće postoji opasnost od električnog udara.
- **Pre svake upotrebe prekontrolišite punjač, uklj. kabl i utikač.** Nemojte da koristite punjač, ukoliko primetite oštećenja. Nemojte samostalno da otvarate uređaj za punjenje i prepustite isključivo stručnom osoblju Bosch ili ovlašćenim servisima da vrši popravke i isključivo sa originalnim rezervnim delovima. Oštećeni punjači, kablovi i utikači povećavaju rizik od strujnog udara.
- **Ne koristite punjač na lako zapaljivim podlogama (npr. papiru, tekstilu itd), tj. u lako zapaljivom okruženju.** Zbog zagrevanja punjača usled punjenja postoji opasnost od požara.
- **Nemojte da prekrivate proreze za ventilaciju na punjaču.** Inače, punjač može da se pregrije i ne može više pravilno da funkcioniše.

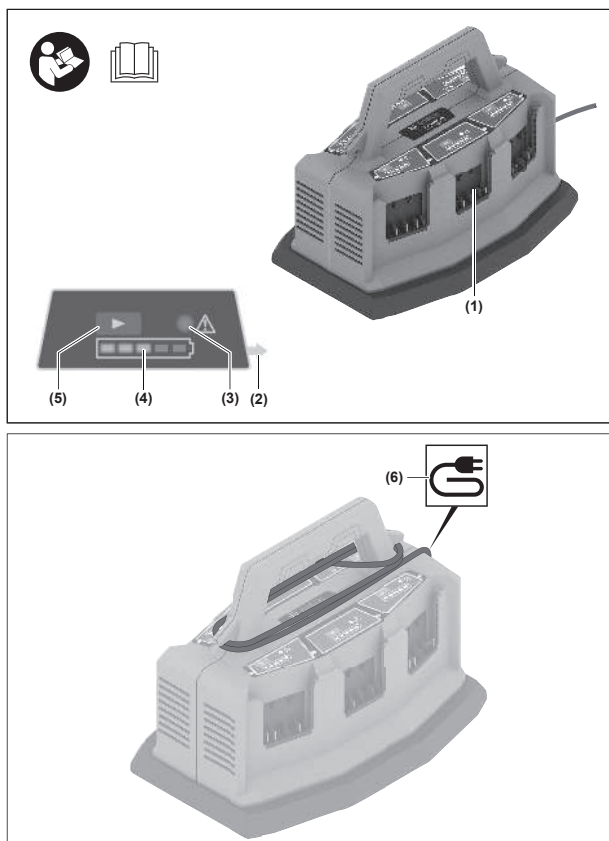
- **Punite samo u aparatima za punjenje, koje je preporučio proizvođač.** Punjač koji je pogodan za jednu vrstu akumulatorske baterije može stvoriti rizik od požara ako se koristi za drugačiju akumulatorsku bateriju.
- **Kod oštećenja i nestručne upotrebe akumulatora mogu izlaziti pare.** Dovedite svež vazduh i potražite lekara ako dođe do tegoba. Para može nadražiti disajne puteve.
- **Kod pogrešne primene iz akumulatorske baterije može biti izbačena tečnost. Izbegavajte kontakt sa njom.** **Kod slučajnog kontakta isperite sa vodom. Ako tečnost dospe u oči, potražite i dodatnu lekarsku pomoć.** Tečnost iz akumulatora može prouzrokovati iritaciju ili opekotine.

Opis proizvoda i rada

Predviđena upotreba

Punjač je predviđen za punjenje **Bosch** AMPShare Li-Ion punjivih akumulatora ili akumulatora AMPShare partnera.

Prikazane komponente



- (1) Utičnica za punjenje
- (2) Strelica za redosled punjenja
- (3) Crveni prikaz kontrole temperature/greške
- (4) Zeleni prikaz statusa napunjenosti
- (5) Taster za prioritet
- (6) Namotavanje kabla

Tehnički podaci

Punjač	GAL 18V6-80
Klasa zaštite	□ / II
Struja punjenja ^{A)}	8,0 A
Napon za punjenje akumulatora (automatsko prepoznavanje napona)	18 V
Težina ^{B)}	1,8 kg

A) Zavisno od temperature i tipa akumulatora

B) Težina bez voda za priključak na mrežu i bez mrežnog utikača

Vrednosti mogu da se razlikuju u zavisnosti od proizvoda i zavise od uslova upotrebe i uslova iz okoline. Dodatne informacije možete pogledati na adresi www.bosch-professional.com/wac.

Proces punjenja

► **Obratite pažnju na napon mreže!** Napon strujnog izvora mora biti usaglašen sa podacima na tipskoj pločici punjača.

i Uverite se da na svim utičnicama za punjenje **(1)** i kontaktima akumulatora nema grube nečistoće. Uverite se da su svi akumulatori potpuno utaknuti.

Postupak punjenja počinje čim se utakne mrežni utikač i stavi akumulator. Ako istovremeno započne postupak punjenja sa više akumulatora, oni će se puniti uzastopno u pravcu utisnutih strelica **(2)** (suprotno od smera kazaljke na satu).

Akumulatori se pune jedan za drugim u dva ciklusa punjenja.

- U prvom ciklusu punjenja sledi punjenje svih korišćenih akumulatora do otpr. 80% kapaciteta.
- U drugom ciklusu punjenja sledi punjenje od otpr. 80% dok se akumulator potpuno ne napuni. Drugi ciklus punjenja počinje kada su svi korišćeni akumulatori napunjeni na 80%.

Ako akumulator ima nivo napunjenosti iznad približno 80%, biće preskočen u prvom ciklusu punjenja i puniće se u drugom ciklusu punjenja dok se potpuno ne napuni. Ako se novi akumulator sa stanjem napunjenosti ispod približno 80% ubaci tokom drugog ciklusa punjenja, on će se odmah napuniti. Nakon što se taj akumulator napuni na otpr. 80%, redosled punjenja će se ponovo definisati. Sledeći akumulator koji se puni u drugom ciklusu punjenja prati redosled strelica na punjaču **(2)** (u smeru suprotnom od kazaljke na satu).

i Postupak punjenja je moguć samo kada je temperatura akumulatora u dozvoljenom opsegu temperature tokom punjenja (0–45 °C).

Zahvaljujući inteligentnom postupku punjenja, status napunjenosti akumulatora se automatski prepoznaje i punjenje se vrši optimalnom strujom punjenja koja zavisi od temperature i napona akumulatora.

Bitno skraćeno vreme rada posle punjenja pokazuje da je akumulator istrošen i da se mora zameniti.

Pri kontinuiranim odnosno ciklusima punjenja koji su bili više puta jedan za drugim bez prekida može se uređaj za punjenje zagrejati. Ovo je, međutim, bezopasno i ne ukazuje na tehnički defekt punjača.

Taster za prioritet (Priority Start)



Na svakoj utičnici za punjenje **(1)** se nalazi taster za prioritet **(5)** za momentalno pokretanje postupka punjenja u toj utičnici za punjenje.

- Posle **jednog pritiska** tastera za prioritet **(5)** će se akumulator u toj utičnici za punjenje prioritetno puniti do otpr. 80% svog kapaciteta (prvi ciklus punjenja). Na početku postupka punjenja će 4 LED indikatora prikazati statusa napunjenosti akumulatora **(4)** zasvetleti nakratko. Kada se akumulator napuni na otpr. 80%, u smeru strelice **(2)** će se puniti sledeći akumulator (suprotno od smera kazaljke na satu).
- Nakon **pritiskanja** tastera za prioritet **(5)** dva puta akumulator ima prioritet u ovoj utičnici za punjenje i puni se dok se potpuno ne napuni. Na početku postupka punjenja će 5 LED indikatora prikazati statusa napunjenosti akumulatora **(4)** zasvetleti nakratko. Po završetku tog postupka punjenja će se drugi akumulatori dalje puniti do otpr. 80%.

Kada je akumulator skroz napunjen sa prioritetom, on će se puniti u sledećoj utičnici za punjenje. Redosled punjenja sledi u pravcu utisnute strelice **(2)** na punjaču (suprotno od smera kazaljke na satu).

Značenje elemenata pokazivača

Zeleni prikaz statusa napunjenosti

Prilikom stavljanja akumulatora, odgovarajući prikaz statusa napunjenosti akumulatora u zelenoj boji **(4)** prikazuje stanje punjenja akumulatora. Postupak punjenja se signalizuje treperenjem prikaza statusa napunjenosti **(4)**. Trajno svetlo pokazuje stanje napunjenosti koje akumulator već ima.



0–20%



21–40%



41–60%



61–80%



81–99%



Skroz napunjen

Trajno svetlo crvenog prikaza kontrole temperature



Trajno svetlo crvenog prikaza **(3)** signalizuje da je temperatura akumulatora van dozvoljenog opsega temperature tokom punjenja (0–45 °C). Ukoliko je postignut dozvoljeni opseg

temperature, počinje proces punjenja.

Trepćuće svetlo crvenog prikaza greške



Trepćuće svetlo crvenog prikaza **(3)** signalizuje da je neispravan akumulator u ovoj utičnici za punjenje.

6 istovremenih crvenih trepćućih svetala signalizuju da je neispravan punjač.

Otklanjanje grešaka

Akumulator se ne puni

Akumulator se ne puni i svih šest indikatora trepću crveno u isto vreme (3).

Uzrok: Punjač je ustanovio internu grešku

Rešenje: Uverite se da su svi akumulatori potpuno utaknuti. Izvucite mrežni utikač i ponovo ga umetnite. Ako se greška ponovo pojavi, prekontrolišite punjač u ovlašćenom korisničkom servisu za **Bosch** električne alate.



Akumulator se ne puni i indikator (3) trepću crveno u isto vreme (pojedinačno na utičnici za punjenje).

Uzrok: Akumulator nije pravilno postavljen

Rešenje: Postavite akumulator pravilno u punjač.

Uzrok: Kontaktni akumulatora i kontakti za punjenje su prljavi

Rešenje: Izvucite utikač i očistite kontakte akumulatora i kontakte za punjenja (suvo).

Uzrok: Neispravan akumulator

Rešenje: Zamenite akumulator.



Akumulator se ne puni, a prikaz (3) svetli crveno.

Uzrok: Temperatura akumulatora je van dozvoljenog opsega temperature tokom punjenja.

Rešenje: Sačekajte da temperatura akumulatora ponovo bude u dozvoljenom opsegu temperature tokom punjenja (0–45 °C).

Indikatori ne svetle

Nijedan prikaz ne svetli, akumulator se ne puni.

Uzrok: Utičnica, mrežni kabl ili punjač neispravan

Rešenje: Uverite se da je punjač priključen na odgovarajuću i funkcionalnu utičnicu. Ako se greška ponovo pojavi, po potrebi prekontrolišite punjač u ovlašćenom korisničkom servisu.

Uzrok: Mrežni utikač punjača nije (ispravno) utaknut

Rešenje: Utaknite mrežni utikač (potpuno) u utičnicu.

Održavanje i servis

Održavanje i čišćenje

Ako je neophodna zamena priključnog voda, onda to mora da izvede **Bosch** ili ovlašćena servisna služba za **Bosch** električne alate, kako biste izbegli ugrožavanje bezbednosti.

Servis i saveti za upotrebu

Srpski

Tel.: +381 11 644 8546

Molimo da kod svih pitanja i naručivanja rezervnih delova neizostavno navedete broj artikla sa 10 brojeanih mesta prema tipskoj pločici proizvoda.

Uklanjanje đubreta

Uređaji za punjenje, pribor i pakovanja treba odvoziti regeneraciji koja odgovara zaštiti čovekove okoline.



Ne bacajte punjače u kućni otpad!

Samo za EU-zemlje:

Električni i elektronski uređaji koji više ne mogu da se koriste moraju da se skupljaju zasebno i odlože u otpad u skladu sa ekološkim propisima. Koristite naznačene sisteme za sakupljanje. Zbog mogućih opasnih materija koji se nalaze u uređaju, nepravilno odlaganje u otpad može da bude opasno za okolinu i zdravlje.

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1. Open Source Components

1.1 Name : MSP SDK

Version : 2.01.00.03

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1.2 Name : ARM_CMSIS_5

Version : 5.7.0

License : Apache-2.0

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