

GAL18V-40-2



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Petunjuk Keselamatan



Bacalah semua petunjuk keselamatan dan petunjuk penggunaan. Kesalahan dalam menjalankan petunjuk

keselamatan dan petunjuk penggunaan dapat mengakibatkan kontak listrik, kebakaran dan/atau luka-luka yang berat.

Simpanlah petunjuk-petunjuk ini dengan seksama.

Gunakanlah charger hanya jika Anda telah mengerti semua fungsinya dan bisa menggunakan semua fungsi, atau telah mendapat petunjuk-petunjuk terkait.

► **Pengisi daya ini tidak diperuntukkan untuk digunakan oleh anak-anak dan orang-orang dengan keterbatasan fisik, indra atau mental, atau kurang pengalaman dan pengetahuan.** Pengisi daya ini dapat digunakan oleh anak-anak di atas 8 tahun dan juga orang dengan keterbatasan fisik, sensorik atau mental, atau kurang berpengalaman dan pengetahuan, selama di bawah pengawasan atau diberi pengarahan mengenai cara penggunaan pengisi daya yang aman dan mereka dapat mengerti tentang bahaya yang mungkin terjadi. Jika tidak, dapat terjadi risiko kesalahan pengoperasian dan cedera.

► **Awasi anak-anak Anda saat penggunaan, pembersihan, dan pemeliharaan.** Hal itu memastikan anak-anak tidak bermain menggunakan pengisi daya.

► **Hanya isi daya baterai Li-ion Bosch atau baterai dari mitra AMPShare dengan kapasitas di atas 1,3 Ah. Tegangan baterai harus sesuai dengan tegangan pengisian daya baterai dari pengisi daya. Jangan mengisi daya baterai isi ulang.** Mengisi daya baterai isi ulang dapat menimbulkan risiko kebakaran dan ledakan.



Hanya gunakan perangkat pengisi daya dalam ruangan tertutup dan jauhkan dari sesuatu yang basah. Air yang masuk ke dalam perangkat pengisi daya akan meningkatkan

risiko terjadinya sengatan listrik.

► **Jaga pengisi daya tetap bersih.** Kondisi radio yang kotor dapat menimbulkan bahaya sengatan listrik.

► **Periksa pengisi daya termasuk kabel dan steker setiap sebelum digunakan. Jangan gunakan pengisi daya jika terlihat adanya kerusakan. Jangan membuka sendiri pengisi daya dan pengisi daya hanya boleh diperbaiki oleh Bosch atau oleh pusat layanan pelanggan resmi dan hanya dengan suku cadang asli.** Pengisi daya, kabel, dan steker yang rusak akan meningkatkan risiko terjadinya sengatan listrik.

► **Jangan mengoperasikan pengisi daya di permukaan yang mudah terbakar (seperti kertas, bahan tekstil, dsb.) atau di area yang mudah terbakar.** Terdapat risiko

kebakaran akibat peningkatan suhu pada pengisi daya saat dioperasikan.

► **Jangan membuka celah ventilasi pada perangkat charger.** Jika tidak, charger dapat menjadi terlalu panas dan tidak dapat lagi berfungsi sebagaimana mestinya.

► **Isi ulang daya hanya dengan pengisi daya yang ditentukan oleh produsen.** Pengisi daya yang sesuai untuk satu jenis set baterai dapat menyebabkan risiko kebakaran apabila digunakan dengan set baterai lain.

► **Jika baterai rusak dan jika penggunaan baterai salah, baterai juga bisa mengeluarkan uap.** Biarkan udara segar mengalir masuk dan jika Anda merasa tidak enak badan, pergilah ke dokter. Uap tersebut bisa mengganggu saluran pernafasan.

► **Cairan dapat keluar dari baterai jika baterai tidak digunakan dengan benar; hindari kontak. Jika terjadi kontak secara tidak disengaja, bilas dengan air. Jika cairan mengenai mata, segera hubungi bantuan medis.** Cairan yang keluar dari baterai dapat menyebabkan iritasi atau luka bakar.

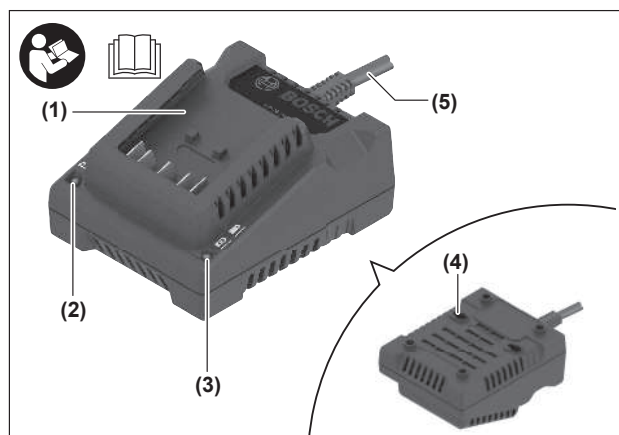
Spesifikasi produk dan performa

Tujuan penggunaan

Pengisi daya dimaksudkan untuk mengisi baterai isi ulang Bosch Li-Ion atau baterai mitra AMPShare.

Ilustrasi komponen

Nomor dari komponen-komponen yang digambarkan mengacu pada gambar perangkat pengisi daya pada halaman ilustrasi.



- (1) Kompartemen pengisi daya baterai
- (2) Indikator monitor suhu/kesalahan berwarna merah
- (3) Indikator level pengisian daya berwarna hijau
- (4) Gantungan dinding
- (5) Kabel daya yang dapat dilepas

Data teknis

Perangkat pengisi daya	GAL18V-40-2
Tingkat perlindungan	□ / II
Arus pengisian daya ^{A)}	4,0 A
Tegangan pengisian daya baterai (pendeteksi tegangan otomatis)	18 V
Berat ^{B)}	0,28 kg
Rentang suhu pengisian daya yang diizinkan	0 ... 45 °C

A) Tergantung pada suhu dan jenis baterai

B) Berat tanpa kabel sambungan listrik dan tanpa steker listrik

Nilai dapat berbeda-beda bergantung pada produk dan mungkin tunduk pada kondisi lingkungan serta penggunaan. Informasi lebih lanjut pada www.bosch-professional.com/wac.

Proses pengisian daya baterai

- **Perhatikan tegangan listrik!** Tegangan pada sumber listrik harus sesuai dengan informasi yang tercantum pada label tipe perangkat pengisi daya.
- Jangan menarik kabel daya **(5)** untuk melepaskannya dari perangkat pengisi daya.

i Pastikan kompartemen pengisi daya baterai **(1)** dan kontak baterai bebas dari kotoran kasar. Pastikan baterai telah dimasukkan sepenuhnya.

Proses pengisian daya dimulai begitu kabel daya **(5)** disambungkan ke perangkat pengisi daya dan steker disambungkan ke stopkontak dan baterai dimasukkan ke kompartemen pengisian daya **(1)**.

i Pengisian daya hanya dapat dilakukan jika suhu baterai berada dalam kisaran suhu pengisian daya yang diizinkan (0–45 °C).

Level pengisian daya baterai terdeteksi secara otomatis melalui proses pengisian daya cepat dan diisi dayanya menyesuaikan suhu dan tegangan baterai dengan arus pengisian daya yang optimal.

Jika setelah diisi waktu pemakaian baterai semakin pendek, hal ini menandakan bahwa baterai sudah aus dan harus diganti.

Jika pengisi daya digunakan secara kontinu atau untuk beberapa siklus pengisian baterai berturut-turut tanpa henti, pengisi daya dapat menjadi panas. Hal ini tidak berbahaya dan tidak menunjukkan cacat teknis pengisi daya.

Makna elemen display

Lampu kedip indikator level pengisian daya baterai berwarna hijau



Proses pengisian daya cepat ditandai dengan indikator pengisian daya baterai **(3)** yang berkedip **hijau** secara cepat.

Baterai dapat dilepas dan digunakan setiap saat.

Begitu sekitar 80% kapasitas baterai tercapai, indikator pengisian daya baterai yang berkedip hijau akan melambat. Proses pengisian daya cepat kini telah selesai. Jika baterai tetap terpasang di pengisi daya, proses pengisian daya akan selesai pada kecepatan yang lebih rendah.

Lampu indikator pengisian daya baterai hijau



Lampu indikator pengisian daya baterai **hijau (3)** menandakan bahwa daya baterai telah terisi penuh. Baterai selanjutnya dapat dilepas untuk segera digunakan.

Tanpa baterai yang terpasang, lampu indikator pengisian daya baterai **(3)** yang menyala menandakan bahwa steker listrik terhubung ke stopkontak dan pengisi daya siap digunakan.

Lampu indikator monitor suhu merah



Lampu indikator merah **(2)** yang menyala menandakan bahwa suhu baterai berada di luar kisaran suhu pengisian daya yang diizinkan (0–45 °C). Begitu mencapai rentang suhu yang diizinkan, proses pengisian daya baterai dimulai.

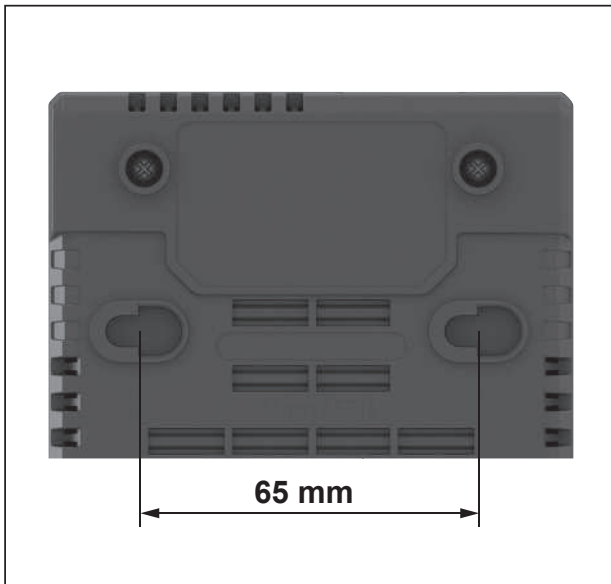
Lampu kedip indikator gangguan merah



Lampu kedip indikator berwarna merah **(2)** menandakan adanya gangguan lain dalam proses pengisian daya (lihat „Baterai tidak terisi daya“, Halaman 4).

Pemasangan pada dinding

- Sebelum memulai pengerjaan apa pun pada alat pengisi daya, lepas steker listrik dari stopkontak.



Pengisi daya dapat dioperasikan dengan posisi berdiri (bekerja di meja) atau digantung di dinding.
Untuk dipasang ke dinding: Buat 2 lubang bor dengan jarak **65 mm**. Gunakan baut kepala bundar dengan diameter 5 mm hingga maks. 6,5 mm untuk pemasangan.

Pemecahan masalah

Baterai tidak terisi daya



Baterai tidak diisi daya dan indikator merah pada monitor suhu/gangguan (2) berkedip merah.

Penyebab: Perangkat pengisi daya mendeteksi adanya gangguan internal.

Solusi: Pastikan baterai terpasang sepenuhnya dan kabel daya terhubung dengan benar ke perangkat pengisi daya. Lepas kabel daya dan pasang kembali. Jika gangguan kembali terjadi, lakukan pemeriksaan perangkat pengisi daya di pusat servis resmi perkakas listrik **Bosch**.

Penyebab: Baterai tidak terpasang dengan benar

Solusi: Masukkan baterai ke pengisi daya dengan benar.

Penyebab: Kontak baterai dan pengisian daya kotor

Solusi: Lepas steker dan bersihkan kontak baterai dan pengisian daya (kering).

Penyebab: Baterai rusak

Solusi: Ganti baterai.



Baterai tidak diisi daya dan indikator (2) menyala merah.

Penyebab: Suhu baterai di luar rentang suhu pengisian daya yang diizinkan

Solusi: Tunggu hingga suhu baterai kembali dalam kisaran suhu pengisian daya yang diperbolehkan (0–45 °C).

Indikator tidak menyala

Tidak ada indikator yang menyala, baterai tidak diisi daya.

Penyebab: Stopkontak, kabel daya, atau perangkat pengisi daya rusak

Solusi: Pastikan perangkat pengisi daya disambungkan ke stopkontak yang sesuai dan berfungsi. Jika kesalahan kembali terjadi, lakukan pemeriksaan perangkat pengisi daya ke pusat layanan resmi jika perlu.

Penyebab: Steker listrik pengisi daya tidak terpasang (dengan benar)

Solusi: Masukkan steker listrik (sepenuhnya) ke stopkontak.

Perawatan dan servis

Perawatan dan pembersihan

Jika kabel listrik harus diganti, pekerjaan ini harus dilakukan oleh **Bosch** atau Service Center untuk perkakas listrik **Bosch** resmi agar keselamatan kerja selalu terjamin.

Layanan pelanggan dan konsultasi penggunaan

Indonesia

Tel.: (021) 3005 5800

Jika Anda hendak menanyakan sesuatu atau memesan suku cadang, selalu sebutkan nomor model yang terdiri dari 10 angka dan tercantum pada label tipe produk.

Cara membuang

Pengisi daya, aksesoris dan kemasan harus didaur ulang dengan cara yang ramah lingkungan.



Jangan membuang pengisi daya baterai ke dalam sampah rumah tangga!

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1. Open Source Components

1.1 Name: GD32E23x Firmware Library

Version : 1.2.0

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1.2 Name: ARM_CMSIS_5

Version: 5.7.0

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