

GLH 18V-60 Professional

HEAVY
DUTY

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BOSCH



Deutsch

Für das von Ihnen erworbene Elektrowerkzeug gelten abweichend von den Angaben in der Betriebsanleitung die folgenden Angaben:

Vibrationsinformation:

Schwingungsgesamtwerte a_h (Vektorsumme dreier Richtungen) und Unsicherheit K ermittelt entsprechend **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Weiterhin gelten ergänzend zu den Angaben in der Betriebsanleitung die folgenden Angaben:

► **Fassen Sie den Stanzkopf nicht an, bevor er abgekühlt ist.** Der Stanzkopf kann bei dauerhaftem Betrieb heiß werden.

Technische Daten: Das Gewicht des Elektrowerkzeugs ohne Akku beträgt **2,2 kg**.

Bitte beachten Sie die beiliegende Betriebsanleitung.

English

The following specifications, which differ from the specifications in the operating instructions, apply to the power tool you have purchased:

Vibration Information:

Vibration total values a_h (tri-ax vector sum) and uncertainty K determined according to **EN 62841-1**:

$a_h < 2.5 \text{ m/s}^2$, $K = 1.5 \text{ m/s}^2$.

The following specifications also apply in addition to the specifications in the operating instructions:

► **Do not touch the punching head until it has cooled down.** The punching head may become hot when operated continuously.

Technical data: The weight of the power tool without a battery is **2.2 kg**.

Please observe the operating instructions enclosed.

Français

Pour l'outil électroportatif que vous venez d'acquérir s'applique ce qui suit, en lieu et place des indications de la notice d'utilisation :

Information sur les vibrations :

Valeurs globales de vibration a_h (somme vectorielle sur les trois axes) et incertitude K conformément à **EN 62841-1** :

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

En plus de cela, ce qui suit vient s'ajouter aux indications de la notice d'utilisation :

► **Ne touchez pas la tête de poinçonnage avant qu'elle ait refroidie.** La tête de poinçonnage peut s'échauffer fortement pendant une utilisation prolongée.

Caractéristiques techniques : Le poids de l'outil électroportatif sans batterie est de **2,2 kg**.

Observez les indications de la notice d'utilisation jointe.

Español

Para la herramienta eléctrica que usted ha adquirido rigen las siguientes indicaciones, que difieren de las indicaciones de las instrucciones de servicio:

Información sobre vibraciones:

Valores totales de vibraciones a_h (suma de vectores de tres direcciones) e inseguridad K determinados según **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Además de las indicaciones que figuran en las instrucciones de servicio, también son válidas las siguientes indicaciones:

► **No toque el cabezal de punzonado hasta que se haya enfriado.** El cabezal de punzonado puede calentarse durante un uso prolongado.

Datos técnicos: El peso de la herramienta eléctrica sin acumulador es de **2,2 kg**.

Por favor, observe las instrucciones de servicio adjuntas.

Português

Para a ferramenta elétrica que adquiriu, são válidos, divergentes das indicações no manual de instruções, os seguintes dados:

Informação relativa às vibrações:

Valores totais de vibração a_h (soma dos vetores das três direções) e incerteza K determinada segundo **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Além disso, aplicam-se complementarmente às indicações no manual de instruções, os seguintes dados:

► **Não toque na cabeça do punção até que a mesma esfrie.** A cabeça do punção pode ficar quente após um período de operação contínuo.

Dados técnicos: O peso da ferramenta elétrica sem bateria é de **2,2 kg**.

Respeite o manual de instruções fornecido.

Italiano

Per l'elettro utensile da Lei acquistato, diversamente dalle informazioni presenti nelle istruzioni d'uso, si applicano le indicazioni riportate di seguito:

Informazioni sulle vibrazioni:

Valori di oscillazione totali a_h (somma vettoriale delle tre direzioni) e grado d'incertezza K rilevati conformemente a **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Inoltre, a integrazione delle informazioni presenti nelle istruzioni d'uso, si applicano le indicazioni riportate di seguito:

► **Non toccare la testa di punzonatura se non si è raffreddata.** La testa di punzonatura può scaldarsi se utilizzata a lungo.

Dati tecnici: il peso dell'elettro utensile senza batteria è di **2,2 kg**.

Si prega di osservare le istruzioni d'uso allegate.

Nederlands

Voor het door u gekochte elektrische gereedschap gelden in afwijking van de informatie in de gebruiksaanwijzing de volgende gegevens:

Informatie over trillingen:

Totale trillingswaarden a_h (vectorsom van drie richtingen) en onzekerheid K bepaald conform **EN 62841-1**:
 $a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Verder gelden aanvullend op de informatie in de gebruiksaanwijzing de volgende gegevens:

► **Pak de ponskop niet vast, voordat deze is afgekoeld.**
De ponskop kan bij continu gebruik heet worden.

Technische gegevens: Het gewicht van het elektrische gereedschap zonder accu bedraagt **2,2 kg**.

Neem goed nota van de meegeleverde gebruiksaanwijzing.

Dansk

I modsætning til oplysningerne i betjeningsvejledningen gælder følgende information for dit el-værktøj:

Vibrationsinformation:

Vibrationer samlet værdi a_h (vektorsum af tre retninger) og usikkerhed K fundet iht. **EN 62841-1**:
 $a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Ud over oplysningerne i betjeningsvejledningen gælder følgende oplysninger:

► **Rør ikke ved stanskehovedet, før det er kølet af.** Stanskehovedet kan blive meget varmt under kontinuerlig drift.

Teknisk information: Elværktøjets vægt uden batteri er **2,2 kg**.

Læs den medfølgende betjeningsvejledning.

Svensk

För det elverktyg som du har köpt gäller till skillnad från uppgifterna i bruksanvisningen följande uppgifter:

Vibrationsdata:

Totala vibrationsvärden a_h (vektorsumma för tre riktningar) och osäkerhet K beräknad enligt **EN 62841-1**:
 $a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Förutom informationen i bruksanvisningen gäller även följande information:

► **Rör inte vid stanshuvudet förrän det har svalnat.**
Stanshuvudet kan bli mycket varmt vid kontinuerlig användning.

Teknisk information: Elverktygets vikt utan batteri är **2,2 kg**.

Beakta medföljande bruksanvisning.

Norsk

For elektroverktøyet du har kjøpt gjelder til forskjell fra opplysningene i bruksanvisningen følgende informasjon:

Vibrasjonsinformasjon:

Vibrasjon totalt a_h (vektorsum av tre retninger) og usikkerhet K målt i henhold til **EN 62841-1**:
 $a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

I tillegg til informasjonen i bruksanvisningen gjelder også følgende informasjon:

► **Ikke rør stanshodet før det er avkjølt.** Stansehodet kan bli varmt under kontinuerlig drift.

Teknisk informasjon: Vekten på elektroverktøyet uten batteri er **2,2 kg**.

Les den vedlagte bruksanvisningen.

Suomi

Hankkimaasi sähkötyökälua koskevat seuraavana annetut tiedot, jotka poikkeavat käyttöoppaassa olevista tiedoista:

Tärinätiedot:

Tärinän kokonaisarvot a_h (kolmen suunnan vektorisumma) ja epävarmuus K on määritetty standardin **EN 62841-1** mukaan:
 $a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Lisäksi seuraavat tiedot täydentävät käyttöoppaan tietoja:

► **Älä koske stanssauspäähän, ennen kuin se on jäähtynyt.** Stanssauspää voi kuumentua pitkäkestoisessa käytössä.

Tekniset tiedot: sähkötyökalun paino ilman akkua on **2,2 kg**.

Noudata mukana toimitetun käyttöoppaan ohjeita.

Ελληνικά

Για το ηλεκτρικό εργαλείο που αγοράσατε, αποκλίνοντας από τα στοιχεία στις οδηγίες λειτουργίας ισχύουν τα πιο κάτω στοιχεία:

Πληροφορίες κραδασμών:

Συνολικές τιμές ταλαντώσεων a_h (διανυσματικό άθροισμα τριών κατευθύνσεων) και ανασφάλεια K υπολογισμένες κατά **EN 62841-1**:
 $a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Εξακολουθούν να ισχύουν συμπληρωματικά στα στοιχεία στις οδηγίες λειτουργίας, τα ακόλουθα στοιχεία:

► **Μην πιάσετε την κεφαλή διάτρησης, προτού να κρυώσει.** Η κεφαλή διάτρησης σε περίπτωση συνεχούς λειτουργίας μπορεί να ζεσταθεί πολύ.

Τεχνικά στοιχεία: Το βάρος του ηλεκτρικού εργαλείου χωρίς μπαταρία ανέρχεται στα **2,2 kg**.

Προσέξτε τις συνημμένες οδηγίες λειτουργίας.

Türkçe

Satın almış olduğunuz elektrikli el aleti için kullanma kılavuzundaki bilgilerden farklı olarak aşağıdaki bilgiler de geçerlidir:

Titreşim bilgisi:

Toplam titreşim değerleri a_h (üç yönün vektör toplamı) ve tolerans K **EN 62841-1** uyarınca belirlenmektedir:
 $a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Kullanma kılavuzundaki bilgilere ek olarak aşağıdaki bilgiler de geçerlidir:

► **Soğuyana kadar delme kafasına dokunmayın.** Delme kafası sürekli çalışma sırasında ısınabilir.

Teknik veriler: Elektrikli aletin aküsüz ağırlığı **2,2 kg**'dir.

Lütfen ekteki kullanma kılavuzuna uyun.

Polski

W odniesieniu do nabytego przez Państwa elektronarzędzia, na zasadzie odstępowania od danych zawartych w instrukcji obsługi obowiązują następujące dane:

Informacje o emisji drgań:

Wartości łączne drgań a_h (suma wektorowa z trzech kierunków) i niepewność pomiaru K oznaczone zgodnie z **EN 62841-1**:
 $a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Ponadto, na zasadzie odstępowania od danych zawartych w instrukcji obsługi, obowiązują następujące dane:

► **Nie dotykać głowicy dziurkującej, zanim nie ostygnie.** Głowica dziurkująca może nagrzewać się przy dłuższym czasie pracy.

Dane techniczne: Waga elektronarzędzia bez akumulatora wynosi **2,2 kg**.

Należy przestrzegać załączonej instrukcji obsługi.

Čeština

Pro elektrické nářadí, které jste si zakoupili, platí odlišné od údajů v návodu k obsluze následující údaje:

Informace o vibracích:

Celkové hodnoty vibrací a_h (součet vektorů tří os) a nejistota K zjištěné podle **EN 62841-1**:
 $a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Dále platí jako doplnění k údajům v návodu k obsluze následující údaje:

► **Nesahejte na děrovací hlavu, dokud nevychladne.**
Děrovací hlava může být při nepřetržitém provozu horká.

Technické údaje: Hmotnost elektrického nářadí bez akumulátoru činí **2,2 kg**.

Řiďte se příloženým návodem k obsluze.

Slovenčina

Pre elektrické náradie, ktoré ste si zakúpili, platia, odlišne od údajov v návode na obsluhu, nasledujúce údaje:

Informácia o vibráciách:

Celkové hodnoty vibrácií a_h (súčet vektorov v troch smeroch) a neistota K zistená podľa **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Navyše k informáciám v návode na obsluhu platia aj nasledujúce údaje:

- **Dierovacej hlavy sa nedotýkajte, kým nevychladne.** Dierovacia hlava sa môže pri dlhšej prevádzke veľmi zahriať.

Technické údaje: Hmotnosť elektrického náradia bez akumulátora je **2,2 kg**.

Riad'te sa príloženým návodom na obsluhu.

Magyar

Az Ön által megvásárolt elektromos kéziszerszáma a kezelési útmutatóban megadott adatoktól eltérően az alábbi adatok érvényesek:

Rezgéssel kapcsolatos információk:

Az a_h rezgési összértékek (a három irány vektorösszege) és a K szórási **EN 62841-1** szabványnak megfelelően meghatározott értékei:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

A kezelési útmutatóban foglaltakon kívül a következő információk is érvényesek:

- **Ne nyúljon a lyukasztófejhez, amíg az le nem hűlt.** A lyukasztófej a tartós üzemeltetés alatt felforrósodhat.

Műszaki adatok: Az elektromos kéziszerszám súlya akkumulátor nélkül **2,2 kg**.

Kérjük, tartsa be a mellékelt kezelési útmutató utasításait.

Русский

Для приобретенного вами электроинструмента в разрез с данными, содержащимися в инструкции по эксплуатации, действительна следующая информация:

Данные по вибрации:

Суммарная вибрация a_h (векторная сумма трех направлений) и погрешность K определены в соответствии с **EN 62841-1**:

$a_h < 2,5 \text{ м/с}^2$, $K = 1,5 \text{ м/с}^2$.

В дополнение к информации, содержащейся в руководстве по эксплуатации, также действительна следующая информация:

- **Не прикасайтесь к вырубной головке, пока она не остынет.** При длительной работе вырубная головка может сильно нагреваться.

Технические данные: Вес электроинструмента без аккумулятора составляет **2,2 кг**.

Соблюдайте указания прилагающегося руководства по эксплуатации.

Українська

Наступна інформація стосується придбаного вами електроінструменту, яка відрізняється від інформації, наведеної в інструкції з експлуатації:

Інформація щодо вібрації:

Сумарна вібрація a_h (векторна сума трьох напрямків) і похибка K, визначені відповідно до **EN 62841-1**:

$a_h < 2,5 \text{ м/с}^2$, $K = 1,5 \text{ м/с}^2$.

Окрім інформації, наведеної в інструкції з експлуатації, також має значення наступна інформація:

- **Не торкайтеся перфораторної головки, поки вона не охолоне.** Під час безперервної роботи перфораторна головка може нагріватися.

Технічні характеристики: Вага електроінструменту без акумулятора становить **2,2 кг**.

Візьміть, будь ласка, до уваги інструкцію з експлуатації, що додається.

Қазақ

Сіз сатып алған электр құралына пайдалану бойынша нұсқаулықтағы мәліметтерден өзгеше болатын, төмендегі мәліметтер қолданылады:

Діріл туралы ақпарат:

Жалпы діріл мәндері a_h (үш бағыттың векторлық қосындысы) және K дәлсіздігі, **EN 62841-1** бойынша есептелген:

$a_h < 2,5 \text{ м/с}^2$, $K = 1,5 \text{ м/с}^2$.

Әрі қарай пайдалану бойынша нұсқаулықтағы мәліметтерге қоса төмендегі мәліметтер қолданылады:

- **Баспақтау бастиегін суытпай ұстамаңыз.** Баспақтау бастиегі ұзақ уақыт пайдаланудан қызып кетуі мүмкін.

Техникалық деректер: электр құралының акумуляторсыз салмағы **2,2 кг** құрайды.

Жинақтағы пайдалану бойынша нұсқаулықты қараңыз.

Română

Pentru scula electrică achiziționată de tine se aplică instrucțiunii diferite față de specificațiile din instrucțiunile de utilizare și specificațiile următoare:

Informații privind vibrațiile:

Valorile totale ale vibrațiilor a_h (suma vectorială a trei direcții) și incertitudinea K au fost determinate conform **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Suplimentar față de informațiile din instrucțiunile de utilizare, se aplică următoarele instrucțiuni:

- **Nu atinge capul de ștanțare decât după ce acesta s-a răcit.** Capul de ștanțare se poate înfierbânta puternic în cazul utilizării îndelungate.

Date tehnice: Greutatea fără acumulator a sculei electrice este de **2,2 kg**.

Te rugăm să respecti instrucțiunile de utilizare atașate.

Български

За закупения от Вас електроинструмент в различие от данните в инструкцията за експлоатация важат посочените по-долу данни:

Информация за вибрацията:

Пълните стойности на вибрациите a_h (векторната сума по трите направления) и неопределеността K са определени съгласно **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Допълнително към данните в инструкцията за експлоатация важат следните данни:

- **Не хващайте щанцовата глава преди да се е охладила.** Щанцовата глава може да се нагорещи при продългa работа.

Технически данни: Теглото на електроинструмента без акумулаторна батерия е **2,2 kg**.

Моля, обърнете внимание на приложеното ръководство за експлоатация.

Македонски

За електричниот алат што го купивте важат следниве информации, што се разликуваат од податоците од упатството за користење:

Информации за вибрации:

Вкупните вредности на вибрации a_h (векторски збир на три насоки) и несигурност K дадени се во согласност со **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Покрај информациите во упатството за користење, важат и следниве информации:

- **Не допирајте ја главата за дупчење додека не се олади.** Главата за дупчење може да се загрее при континуирано работење.

Технички податоци: Тежината на електричниот алат без батерија е **2,2 kg**.

Почитувајте го приложеното упатство за користење.

Srpski

Za električni alat koji ste kupili važe sledeći podaci, koji se razlikuju od podataka navedenih u uputstvu za upotrebu:

Informacije o vibraciji:

Ukupne vrednosti vibracija a_h (vektorski zbir tri pravca) i nesigurnost K utvrđeni u skladu sa **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Pored toga, uz podatke iz uputstva za upotrebu važe sledeći podaci:

- **Glavu za presovanje nemojte dodirivati pre nego što se ohladi.** Glavu za presovanje se tokom neprekidnog rada može zagrejati.

Tehnički podaci: Težina električnog alata bez akumulatora je **2,2 kg**.

Pridrđavajte se priloženog uputstva za upotrebu.

Slovenščina

Za vaše električno orodje veljajo, drugače od navedb v navodilih za uporabo, naslednje navedbe:

Informacije o tresljajih:

Skupne vrednosti tresljajev a_h (vektorska vsota treh smeri) in negotovost K so določene v skladu s standardom **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Poleg navedb v navodilih za uporabo veljajo tudi naslednje navedbe:

- **Ne dotikajte se glave za luknjanje, dokler se ne ohladi.** Glava za luknjanje se pri neprekinjenem delovanju močno segreje.

Tehnični podatki: Teža električnega orodja brez akumulatorske baterije je **2,2 kg**.

Upoštevajte priložena navodila za uporabo.

Hrvatski

Za vaš kupljeni električni alat odstupajući od podataka u uputama za uporabu vrijede sljedeći podaci:

Informacije o vibracijama:

Ukupne vrijednosti vibracija a_h (vektorski zbroj tri pravca) i nesigurnost K utvrđene u skladu s normom **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Dodatno uz informacije u uputama za uporabu vrijede sljedeći podaci:

- **Ne dirajte glavu za štancanje dok se ne ohladi.** Glava za štancanje može tijekom neprekidnog rada postati vruća.

Tehnički podaci: Težina električnog alata bez aku-baterije iznosi **2,2 kg**.

Pridržavajte se priloženih uputa za uporabu.

Eesti

Teie poolt soetatud elektrilise tööriista kohta kehtivad erinevalt käitamishendis olevatest andmetest järgmised andmed:

Vibratsiooni info:

Vibratsiooni koguväärtused a_h (kolme suuna vektorsumma) ja mõõtemääramatus K, määratud vastavalt standardile **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Lisaks kehtivad täiendusena käitamishendis olevatele andmetele järgmised andmed:

- **Ärge puudutage stantsimispead, enne kui see maha jahtunud on.** Stantsimispea võib püsiva käitamise puhul kuumaks minna.

Tehnilised andmed: elektrilise tööriista kaaluks ilma akuta on **2,2 kg**.

Palun järgige kaasasolevat käitamishendit.

Latviešu

Uz iegādāto elektroinstrumentu, atšķirībā no lietošanas pamācībā sniegtās informācijas, kas tam ir pievienota, attiecas tālāk norādītie parametri:

Informācija par vibrācijām:

Kopējā vibrācijas paātrinājuma vērtība a_h (vektoru summa trīs virzienos) un mērījuma nenoteiktība K ir noteiktas atbilstīgi standartam **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Papildus lietošanas pamācības datiem ir spēkā tālāk sniegtie parametri:

- **Nepieskarieties štancēšanas galvai, pirms tā nav atdzisusi.** Pēc ilgāka lietošanas laika štancēšanas galva var sakarst.

Tehniskie dati: elektroinstrumenta svars bez akumulatora ir **2,2 kg**.

Lūdzam ievērot komplektācijā iekļauto lietošanas pamācību.

Lietuvių k.

Jūsų įsigytam elektriniam įrankiui, priešingai nei nurodyta naudojimo instrukcijoje, galioja šie duomenys:

Informacija apie vibraciją:

Vibracijos bendroji vertė a_h (trijų krypčių atstojamasis vektorius) ir paklaida K nustatyta pagal **EN 62841-1**:

$a_h < 2,5 \text{ m/s}^2$, $K = 1,5 \text{ m/s}^2$.

Taip pat galioja ne tik naudojimo instrukcijoje pateikti duomenys, bet ir šie duomenys:

- **Nelieskite perforavimo galvutės, kol ji neatvės.** Ilgesnį laiką naudojama perforavimo galvutė gali įkaisti.

Techniniai duomenys: elektrinio įrankio svoris be akumuliatoriaus siekia **2,2 kg**.

Prašome laikytis pridėtos naudojimo instrukcijos.

한국어

사용 설명서에 제시된 내용 외에도 다음에 제시된 사항이 적용됩니다:

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기술자료: 배터리를 제외한 전동공구의 중량은 **2,2 kg**입니다.

함께 공급된 사용 설명서 내용을 확인하십시오.

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- **لا تلمس رأس الثقيب حتى يبرد.** قد يصبح رأس الثقيب ساخنًا عند التشغيل المستمر.

البيانات الفنية: يبلغ وزن العدة الكهربائية دون المرمك **2,2 كجم**.

يرجى مراعاة دليل التشغيل المرفق.

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stm32cubeg0_hal_driver, 1.4.6

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Google C++ Mocking Framework, release-1.1.0

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