

VERKTØYPAKKE KC18DBSL 18V DS18DBSL(S) / WH18DBSL + HSC3



Varenr: 68000603 / NOBB-nr: 56596445 / GTIN-nr.: 4966376335336

EGENSKAPER

- Smart verktøypakke med 2 stk 18V kraftige batteriverktøy.
- Kompakte bestselgere! (WH18DBSL med slag, maks moment 172Nm, kapasitet skruer 4-8 mm, kapasitet bolt M5-M16, vekt 1,6kg inkl. batt)
- Begge verktøy har kraftig børsteløs motor (gir 30% lenger driftstid mellom hver lading)
- Med slide batteriinnfesting (kan også brukes med 36V MULTI VOLT batteri, da dette automatisk bytter til 18V i kombinasjon med 18V verktøy)

LEVERES MED

18V Borskrutrekker DS18DBSL(S), 18V Slagskrutrekker WH18DBSL, 2 x 18V batteri BSL1850, batterilader UC18YFSL og Verktøykoffert som kan stables (HSC3 - HiKOKI Stackable Case)

TEKNISKE SPESIFIKASJONER

Batteri / lader	BSL1850 / UC18YFSL
Batterifeste	Slide
Ladetid	75 min

BRUKSOMRÅDE

- Tiltrekking og løsning av skruer, bolter etc. i ulike materialer (gjelder begge verktøy)

BORSKRUTREKKER 18V DS18DBSL(S) (TOOL ONLY) HSC



Varenr: 68010369 / NOBB-nr: 54365852 / GTIN-nr.: 4966376326235

EGENSKAPER

- Knallsterk borskrutrekker i kompakt klassen, maks moment 70Nm
- Ekstremt rask og effektiv
- Ny robust og kompakt design
- Børsteløs motor (gir 30% lenger driftstid mellom hver lading)
- Ergonomisk gummielagt grep
- Slide batterifeste som gir vesentlig redusert grepsomkrets
- Selvspent hurtigchuck med spindellås for enkelt verktøyskifte
- Høy- og lavgir
- Trinnløs høyre- /venstregange med konstant kraft
- Elektronisk "Feed Back" kraftkontroll
- Elektrisk brems
- Overbelastningsbeskyttelse (HPS - Hitachi Protection System)
- Integert LED-lys
- Batteriindikator i tre trinn som viser gjenværende strømforsyning
- Påmontert beltekrok og håndleddsrem
- Praktisk stablekoffert for fleksibel oppbevaring og enkel transport

LEVERES MED

Leveres som kun maskin uten batterier, batterilader, men med stablekoffert (HSC - HiKOKI Stackable Case)

TEKNISKE SPESIFIKASJONER

Batterifeste	Slide
Chuckkapasitet	13 mm
Spindelgjenge	1/2"x20 UNF
Kapasitet i tre/stål	50/13 mm
Kapasitet maskinskrue/treskrue	6/8 mm
Momentinnstillinger	22
Hastighet ubelastet (Lavgir)	0 - 400 /min
Hastighet ubelastet (Høygir)	0 - 1.800 /min
Maks moment	70 Nm
Vibrasjonsnivå m/s ² (3D)	<2,5m
Lydtrykksnivå dB (A)	89,0
Lydeffekt dB (A)	100,0
Dimensjon (L x H)	180 x 230 mm
Vekt u/batteri	1,3 kg

BRUKSOMRÅDE

- Tiltrekning og fjerning av skruer i ulike materialer
- Boring i tre, stål og aluminium etc.

TILLEGGSINFORMASJON

Børsteløs motor!
Gir opp til 30% lenger driftstid mellom hver lading og nær doubler maskinens levetid og serviceintervaller sammenliknet med konvensjonelle motorer.

SLAGSKRUTREKKER 18V WH18DBSL (TOOL ONLY + HSC)



Varenr: 68010871 / NOBB-nr: 57470185 / GTIN-nr.: 4966376336944

EGENSKAPER

- Kompakt og lett slagskrutrekker med enestående balanse og manøvrerbarhet
- Rask og effektiv med høy omdreiningshastighet og høyt moment
- Med Hikokis velkjente ergonomiske grep
- Effektiv børsteløs motor gir lengre driftstid mellom hver lading, lengre levetid og mindre vedlikehold av motor.
- Overbelastningsbeskyttelse (HPS - HiKOKI Protection System)
- Skarpt LED-lys gir god belysning av arbeidsområdet

LEVERES MED

Uten batterier og lader, men med stablekoffert (HSC2 - HiKOKI Stackable Case)

TEKNISKE SPESIFIKASJONER

Batterifeste	Slide
Verktøyfeste	1/4"
Kapasitet standardbolt	M16
Kapasitet spesialbolt	M12
Skruekapasitet	8 mm
Hastighet ubelastet	0-3100/min
Slagttall ubelastet	0-3400/min
Maks moment	175 Nm
Vibrasjonsnivå m/s ² (3D)	13,5
Lydtrykksnivå dB (A)	87
Lydeffekt dB (A)	98
Dimensjon (L x H)	L128 mm
Vekt u/batteri	0,9 kg

BRUKSOMRÅDE

- Tiltrekning og fjerning av skruer, bolter etc. i ulike materialer.
- Perfekt for installasjoner og montering på trange og utilgjengelige steder.

STABLEKASSE

HSC3 - HITACHI STACKABLE CASE

Varenr: 60120789 / NOBB-nr: 49368673 / GTIN-nr.: 4549115077584

EGENSKAPER

- Nytt praktisk oppbevaringssystem fra Hitachi
- Enkel oppbevaring og transport av dine verktøy
- Justerbare klips for enkel stablefunksjon av flere kasser
- Kan utstyres med maskintrau for din Hitachimaskin (selges separat)
- Kompatibelt med de fleste oppbevaringssystemer på markedet



TEKNISKE SPESIFIKASJONER

Varenr.:	60120789
Produktnavn	STABLEKASSE HSC3 UTEN INNLEGG/FOAM
NOBB-nr.:	49368673
GTIN-nr.:	4549115077584
Typebetegnelse	HSC3
Materiale	Plast
Dimensjon (L x B x H)	295 x 395 x 210 mm

BATTERILADER 14,4-18V UC18YFSL

Varenr: 68030556 / NOBB-nr: 53707375 / GTIN-nr.: 4966376318209

EGENSKAPER

- Brukervennlig batterilader for lading av batterier med slide batterifeste
- Indikator for ladeprosess



TEKNISKE SPESIFIKASJONER

For voltstyrke	14,4V - 18V
For celleteknologi	Li-ion
For batterifeste	Slide
Luftkjølingssystem	Ja
Vekt	0,5 kg

BRUKSOMRÅDE

- Lading av 14,4V - 18V batterier med slide innfesting

BATTERI 18V (5,0AH) BSL1850C

Varenr: 68020914 / NOBB-nr: 56822545 / GTIN-nr.: 4549115223684

EGENSKAPER

- Svært kompakt og lett batteri for alle 18 volt-modeller med slide-batterifeste
- Batteriet er 15% mindre og lettere enn forgjengeren (19 mm kortere og 100g lettere, veier kun 550 gram).
- Kan lades med Li-ion SLIDE batteriladere UC18YFSL / UC18YSL3 / UC36YSL
- Ladetid ca 25 min



TEKNISKE SPESIFIKASJONER

Voltstyrke	18V
Ampere	5,0Ah
Cellleteknologi	Li-ion
Batterifeste	Slide
Dimensjon (L x B x H)	97 x 76 x 71
Vekt	0,55 kg

TILLEGGSINFORMASJON

BSL1850C-batteriet er 19 mm kortere og 100 g lettere enn BSL1850-batteriet. Det høres ikke så mye ut, men batteriet har en betydelig reduksjon i både størrelse og vekt: faktisk så er det 15% mindre og lettere. Allikevel har batteriet samme høye effekt og er kompatibelt med alle HiKOKI 18V slide-batteriverktøy og eksisterende 18V hurtigludere.

SDS (Safety Data Sheet)

Batteries with energy content of less than 100Wh

1.PRODUCT AND COMPANY IDENTIFICATION

- PRODUCT NAME : Lithium ion rechargeable battery pack
- Product code : EBM315, BCL715, BCL715G, BCL1015S, BCL1015, BCL1030C, BCL1030, BCL1030M, BCL1030A, BCL1415, BCL1420, EBL1430R, EBM1430R, EBL1430, BCL1430, BCL1440, BCL1815, BCL1820, EBM1830, BCL1840, BSL1215, BSL1225M, BSL1240M, BSL1415S, BSL1415X, BSL1415, BSL1420, BSL1425, BSL1430C, BSL1430, BSL1440, BSL1450, BSL1460, BSL1815S, BSL1815X, BSL1815, BSL1820, BSL1825, BSL1830C, BSL1830, BSL1840, BSL1850C, BSL1850, BSL2520B, BSL2530, BSL3620, BSL3625, BSL3626, BSL3626X, HBCL1015, HBSL1850, BSL36A18, BSL36B18, BSL36C18, BSL36A18B, BSL36B18B
- Manufacturer/Supplier : Koki Holdings Co., Ltd.
- Address : Shinagawa Intercity Tower A, 20th Floor, 15-1, Konan 2-chome, Minato-ku, Tokyo 108-6020, Japan
- Phone number : 81-3-5783-0601
- FAX number : 81-3-5783-0709
- 【 Management No. B-001-1 】

2.HAZARDS IDENTIFICATION

For the battery cell, chemical materials are stored in a hermetically sealed metal, designed to withstand temperatures and pressures encountered during normal use. As a result, during normal use, there is no physical danger of ignition or explosion and chemical danger of hazardous materials' leakage.

However, if exposed to a fire, added mechanical shocks, decomposed, added electric stress by miss-use, the gas release vent will be operated. The battery cell case will be breached at the extreme, hazardous materials may be released.

Moreover, if heated strongly by the surrounding fire, acrid gas may be emitted.

- GHS classification: Not available
(This product is outside the scope of GHS system since it's considered as an "article".)
- Most important hazard and effects
Human health effects:
 - Inhalation : The steam of the electrolyte has an anesthesia action and stimulates a respiratory tract.
 - Skin contact: The steam of the electrolyte stimulates a skin.
The electrolyte skin contact causes a sore and stimulation on the skin.
 - Eye contact : The steam of the electrolyte stimulates eyes.
The electrolyte eye contact causes a sore and stimulation on the eye. Especially, substance that causes a strong inflammation of the eyes is contained.Environmental effects: Since a battery cell remains in the environment, do not throw out it into the environment.
- Specific hazards:
 - If the electrolyte contacts with water, it will generate detrimental hydrogen fluoride.
 - Since the leaked electrolyte is inflammable liquid, do not bring close to fire.

3. COMPOSITION / INFORMATION ON INGREDIENTS

- Substance or preparation: Preparation
- Information about the chemical nature of product: *1

CAS-No.	Chemical name	Ingredients (wt%)
1307-96-6	Cobalt oxide	< 30
1313-13-9	Manganese dioxide	< 30
1313-99-1	Nickel oxide	< 30
7440-44-0	Carbon	< 30
	Electrolyte	< 25
24937-79-9	Polyvinylidene fluoride (PVdF)	< 10
7429-90-5	Aluminium foil	1 - 10
7440-50-8	Copper foil	1 - 15
	Aluminium and inert materials	1 - 30

*1 Not every product includes all of these materials.

4. FIRST-AID MEASURES**Spilled internal cell materials**

- Inhalation : Make the victim blow his/her nose, gargle. Seek medical attention if necessary.
- Skin contact : Remove contaminated clothes and shoes immediately. Wash extraneous matter or contact region with soap and plenty of water immediately.
- Eye contact : Do not rub one's eyes. Immediately flush eyes with water continuously for at least 15 minutes. Seek medical attention immediately.

A battery cell and spilled internal cell materials

- Ingestion : Make the victim vomit. When it is impossible or the feeling is not well after vomiting, seek medical attention.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Plenty of water, carbon dioxide gas, nitrogen gas, chemical powder fire extinguishing medium and fire foam.
- Specific hazards : Corrosive gas may be emitted during fire.
- Specific methods of fire-fighting : When the battery burns with other combustibles simultaneously, take fire extinguishing method which correspond to the combustibles.
Extinguish a fire from the windward as much as possible.
- Special protective equipment for firefighters:
 - Respiratory protection : Respiratory equipment of a gas cylinder style or protection-against-dust mask
 - Hand protection : Protective gloves
 - Eye protection : Goggle or protective glasses designed to protect against liquid splashes
 - Skin and body protection : Protective cloth

6. ACCIDENTAL RELEASE MEASURES

Spilled internal cell materials, such as electrolyte leaked from a battery cell, are carefully dealt with according to the followings.

- Precautions for human body: Remove spilled materials with protective equipment (protective glasses and protective gloves). Do not inhale the gas as much as possible.
Moreover, avoid touching with as much as possible.
- Environmental precautions : Do not throw out into the environment.
- Method of cleaning up : The spilled solids are put into a container. The leaked place is wiped off with dry cloth.
- Prevention of secondary hazards: Avoid re-scattering. Do not bring the collected materials close to fire.

7. HANDLING AND STORAGE

•Handling suggestions

- Do not connect the positive terminal to the negative terminal with electrical wire or chain.
- Avoid polarity reverse connection when installing the battery to an instrument.
- Do not wet the battery with water, seawater, drink or acid; or expose to strong oxidizer.
- Do not damage or remove the external tube.
- Keep the battery away from heat and fire.
- Do not disassemble or reconstruct the battery; or solder the battery directly.
- Do not give a mechanical shock or deform.
- Do not use unauthorized charger or other charging method. Terminate charging when the charging process doesn't end within specified time.

•Storage

- Do not store the battery with metalware, water, seawater, strong acid or strong oxidizer.
- Make the charge amount 30~50% then store at room temperature or less (temperature= -20~35 °C (-40F to 95oF),) in a dry (humidity: 45~85%) place. Avoid direct sunlight, high temperature, and high humidity.
- Use insulative and adequately strong packaging material to prevent short circuit between positive and negative terminal when the packaging breaks during normal handling. Do not use conductive or easy to break packaging material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

•Control parameters

ACGIH has not been mentioned control parameter of electrolyte.

•Personal protective equipment

Respiratory protection: Respirator with air cylinder, dust mask

Hand protection: Protective gloves

Eye protection: Goggles or protective glasses designed to protect against liquid splashes

Skin and body protection: Working clothes with long sleeve and long trousers

9. PHYSICAL AND CHEMICAL PROPERTIES

•Appearance

Physical state: Solid

Form: Cylindrical or Prismatic or Pouch (laminated)

Color: Metallic color or black(without tube if it has tube)

Odor: No odor

10. STABILITY AND REACTIVITY

- Stability: Stable under normal use
- Hazardous reactions occurring under specific conditions
- Conditions to avoid: When a battery cell is exposed to an external short-circuit, crushes, deformation, high temperature above 100 degree C, it will be the cause of heat generation and ignition. Direct sunlight and high humidity.
- Materials to avoid: Conductive materials, water, seawater, strong oxidizers and strong acids.
- Hazardous decomposition products: Acrid or harmful gas is emitted during fire.

11. TOXICOLOGICAL INFORMATION

Organic Electrolyte

- Acute toxicity: LD50, oral - Rat 2,000mg/kg or more
- Irritating nature: Irritative to skin and eye

PRODUCT NAME : Lithium ion rechargeable battery pack

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12. ECOLOGICAL INFORMATION

- Persistence/degradability : Since a battery cell and the internal materials remain in the environment, do not bury or throw out into the environment.

13. DISPOSAL CONSIDERATIONS

- Recommended methods for safe and environmentally preferred disposal:

Product (waste from residues)

Specified collection or disposal of lithium ion battery is required by the law like as "battery control law" in several nations. Collection or recycle of the battery is mainly imposed on battery's manufacturer or importer in the nations recycle is required.

Contaminated packaging

Neither a container nor packing is contaminated during normal use. When internal materials leaked from a battery cell contaminates, dispose as industrial wastes subject to special control.

14. TRANSPORT INFORMATION

In the case of transportation, avoid exposure to high temperature and prevent the formation of any condensation. Take in a cargo of them without falling, dropping and breakage. Prevent collapse of cargo piles and wet by rain. The container must be handled carefully. Do not give shocks that result in a mark of hitting on a cell. Please refer to Section 7-HANDLING AND STORAGE also.

Lithium-ion batteries are tested in accordance with UN manual of Tests and Criteria, Part III, subsection 38.3

- Batteries with energy content of less than 100Wh: (The energy content in Wh is noted on the nameplate of the battery.)

Regulation depends on region and transportation mode

Worldwide, Air transport : IATA-DGR

The product fulfils the following requirements:

- Battery pack separately (without equipment)
 - less than or equal to 2 batteries per package : Packing Instruction; 965, Section II, UN3480
 - greater than 2 batteries per package : Packing Instruction; 965, Section I.B, UN3480
- Battery pack with equipment
 - less than or equal to 5kg the battery pack total weight : Packing Instruction; 966, Section II, UN3481
 - greater than 5kg the battery pack total weight : Packing Instruction; 966, Section I, UN 3481
- Battery pack built-in into equipment (attached to equipment)
 - less than or equal to 5kg the battery pack total weight : Packing Instruction; 967 Section II, UN3481
 - greater than 5kg the battery pack total weight : Packing Instruction; 967 Section I, UN3481

Worldwide, Sea ship : IMO-IMDG Code [special provision 188]

The product fulfils the requirements of Special provision 188 of the IMDG code. If the requirements for Packing, Labelling and documentation according this special provision are fulfilled, no additional regulations are applicable.

Europe, Land transport : ADR/RID/GGVSE [special provision 188]

The product fulfils the requirements of Special provision 188 of the ADR/RID/GGVSE. If the requirements for Packing, Labelling and documentation according this special provision are fulfilled, no additional regulations are applicable.

SOC(State of charge) : The IATA Dangerous Goods Regulations require SOC for battery pack must be less than 30%. The battery is controlled below 30% of SOC by manufacturing plant before shipment.

15. REGULATORY INFORMATION

- Regulations specifically applicable to the product:

Wastes Disposal and Public Cleaning Law [Japan]

Law for Promotion of Effective Utilization of resources [Japan]

US Department of Transportation 49 Code of Federal Regulations [USA]

** About overlapping regulations, please refer to Section 14-TRANSPORT INFORMATION.*

16. OTHER INFORMATION

- This safety data sheet is offered an agency who handles this product to handle it safely.
- The agency should utilize this safety data sheet effectively (put it up, educate person in charge) and take proper measures.
- ***The information contained in this Safety data sheet is based on the present state of knowledge and current legislation.***
- This safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Reference

Dangerous Goods Regulations – 62st Edition Effective 1 January 2021: International Air Transport Association (IATA)

IMDG Code – 2018 Edition: International Maritime Organization (IMO)

The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR2021):
The United Nations Economic Commission for Europe (UNECE)
