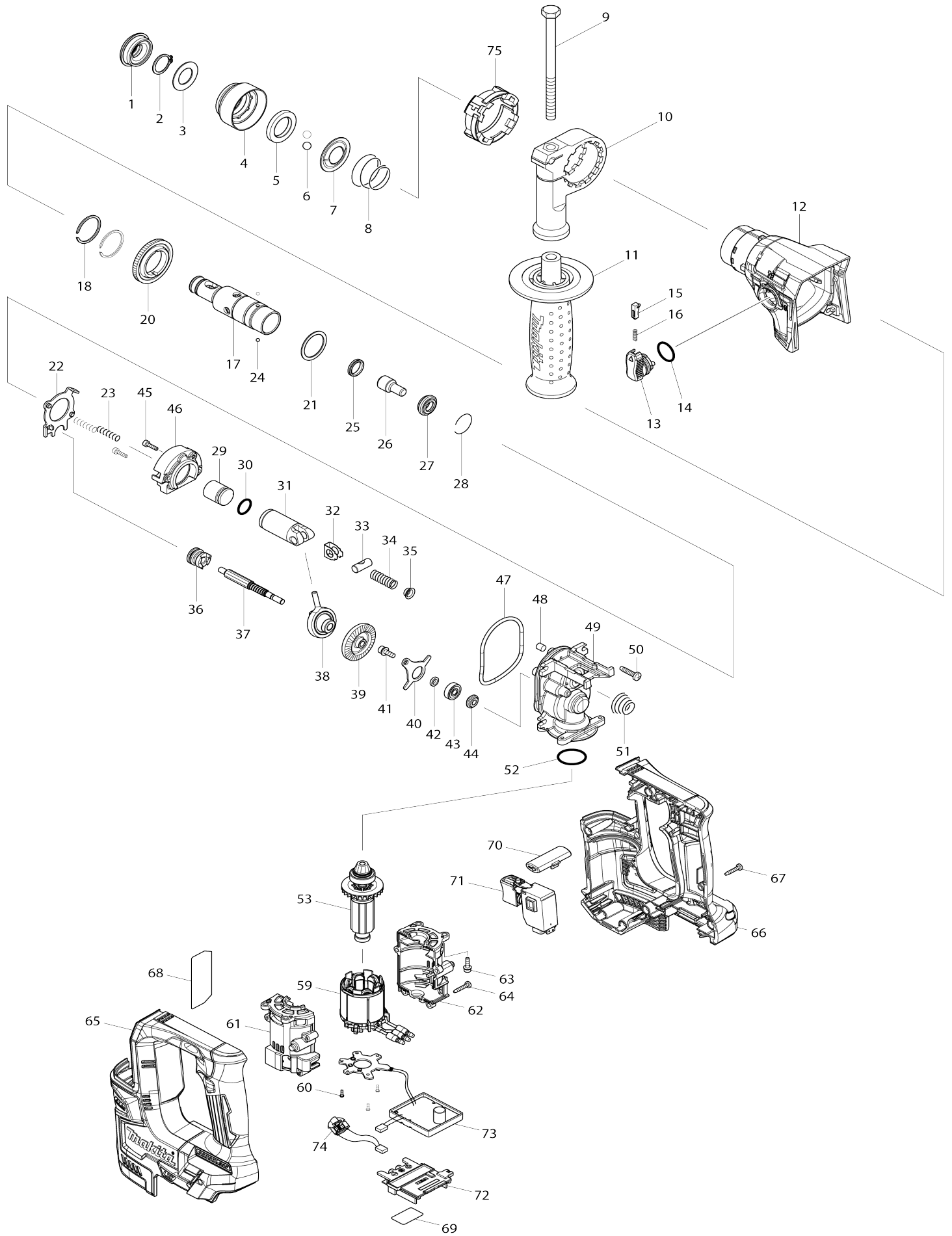


Model No.DHR171 Akku-Bohrhammer



Model No.DHR171 Akku-Bohrhammer

Artike l-Nr.	Teile-Nr.	Beschreibung	Austa uschb arkeit	Anzah l	Neu/A lt	Notiz 1	Notiz 2
001	286037-3	Kappe 34		1			
002	961057-5	Haltering (EXT) S-17		1			
003	253377-4	Unterlegscheibe 17		1			
004	457214-6	Futterabdeckung		1			
005	257416-2	Ring 21		1			
006	216022-2	Stahlkugel 7.0		2			
007	346177-0	Führungsscheibe		1			
008	232347-6	Druckfeder konisch 21-29		1			
009	921923-8	Sechskantschraube M8X120		1			
010	417911-6	Griffhalter		1			
011	158057-6	Griff 36 komplett		1			
C10	931402-8	Sechskantmutter M8		1			
012	144218-4	Getriebegehäuse komplett		1			
C10	211375-4	Kugellager 6805LLB		1			
C20	213788-5	Öldichtung 25		1			
013	161569-0	Umschalthebel komplett		1			
014	213278-8	O-Ring 17		1			
015	161568-2	Arretierknopf komplett		1			
016	232344-2	Druckfeder 3		1			
017	326841-9	Werkzeugaufnahme		1	*		
017-1	326841-9	Werkzeugaufnahme	O	1			
018	961135-1	Haltering (EXT) WR-25		2			
020	221483-3	Stirnrad 57		1			
021	267175-0	Unterlegscheibe 24		1			
022	161570-5	Umschaltplatte kpl.		1			
023	233194-8	Druckfeder 4		2			
024	216019-1	Stahlkugel 3		2			
025	213183-9	X-Ring 13		1			
026	326843-5	Schlagbolzen		1			
027	326842-7	Ring 10		1			
028	232343-4	Ringfeder 23		1			
029	327007-4	Schläger		1			
030	213128-7	O-Ring 12		1			
031	319510-9	Kolbenzylinder		1			
032	347101-6	Führungsplatte		1			
033	326846-9	Kolbenverbindung		1			
034	232346-8	Druckfeder 8		1			
035	347102-4	Federführung		1			
036	326845-1	Kupplungsnocken		1			
037	221482-5	Stirnrad 8		1			
038	219026-3	Taumellager 6		1			
039	221481-7	Spiralkegelrad 37		1			
040	347100-8	Lagerhalter		1			
041	266273-7	Innensechskantkopfschraube M 4X12		1			
042	257415-4	Ring 5		1			
043	210065-6	Kugellager 625ZZ		1			
044	326847-7	Ring 5		1			

045	265910-0	Innensechskantkopfschraube M 3X12		2		
046	144219-2	Innenstütze komplett		1		
047	213092-2	O-Ring 60		1	*	
047-1	213889-9	O-Ring 58	<	1		
048	443138-2	Filter		1		
049	319508-6	Innengehäuse		1	*	
049-1	140N37-0	Innengehäuse komplett	<	1	*	
049-2	312B69-7	INNER HOUSING	<	1		
050	265995-6	Bindekopf-Blechschrabe 4X18		4		
051	232345-0	Druckfeder konisch 8-19		1		
052	213008-7	O-Ring 22.4		1		
053	619421-1	Rotor		1	*	
053-1	619421-1	Rotor	O	1		
059	629283-9	Stator		1		
060	266490-9	Zylinderschraube 2X6		3		
061	183G09-0	Motorgehäusesatz		1		
D10		INC. 62				
062	183G09-0	Motorgehäusesatz		1		
D10		INC. 61				
063	251510-2	Innensechskantkopfschraube M 3X12 WRM		4		
064	266130-9	Bindekopf-Blechschrabe 3X16		4		
065	183H25-8	Gehäusesatz		1		
C10	252126-6	Sechskant-Sicherungsmutter M4 -7		2		
C20	262182-8	Gummiring 6		2		
C30	263005-3	Gummistift 6		2		
D10		INC. 66				
066	183H25-8	Gehäusesatz		1		
C10	252126-6	Sechskant-Sicherungsmutter M4 -7		2		
C20	262182-8	Gummiring 6		2		
C30	263005-3	Gummistift 6		2		
D10		INC. 65				
067	266130-9	Bindekopf-Blechschrabe 3X16		9		
068	853R59-2	Typenschild DHR171		1		
069	853R80-1	Serien-nr-schild DHR171		1		
070	457210-4	Drehrichtungsschalter		1		
071	650689-0	Schalter C3JW-2B		1	*	
071-1	650005-6	Schalter TGRK1-1	O	1		
072	643874-2	Klemme		1		
073	620746-8	Controller		1		
074	620747-6	LED-Schaltung		1		
A01	415486-9	Tiefenanschlag		1		
B01	198564-7	Hammer-Servicekit		1		
C10	195127-0	Ölbehältersatz		1		
D10		INC. 1,2,6,25,28,30				
E01	818S14-7	Schutzfolie		1	*	
F13	199245-6	Staubkappen-set		1		
A09-1	197280-8	Akkusatz BL1850B		1		

Bitte geben Sie bei Ihrer Bestellung die Teile-Nr. an.

Druckdatum 19.10.2023

ENGLISH

Annex A: EC Declaration of Conformity

We as the manufacturers: **Makita Europe N.V.**, Business address: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, BELGIUM**. Authorize **Yasushi Fukaya** for the compilation of the technical file and declare under our sole responsibility that the product(s); Designation: **Cordless Rotary Hammer**. Designation of Type(s): **DHR171**. Fulfills all the relevant provisions of **2006/42/EC** and also fulfills all the relevant provisions of the following EC/EU Directives: **2014/30/EU, 2011/65/EU** and are manufactured in accordance with the following Harmonised Standards: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** and internal document: **QSDA001-QC Makita RoHS Management Procedure**.

Place of declaration: **Kortenberg, Belgium**. Responsible person: **Yasushi Fukaya, Director - Makita Europe N.V.** (date and signature on the last page)

FRANÇAIS

Annexe A : Déclaration de conformité CE

Nous, **Makita Europe N.V.**, en tant que fabricant, ayant pour adresse commerciale : **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgique**, autorisons **Yasushi Fukaya** à compiler le fichier technique et déclarons sous notre entière responsabilité que le produit ; désignation : **Perforateur Sans Fil**, désignation du (des) type(s) : **DHR171**. Respecte(nt) toutes les dispositions pertinentes de la directive **2006/42/EC** ainsi que celles des directives CE/UE suivantes : **2014/30/EU, 2011/65/EU**, et est (sont) fabriqué(s) conformément aux normes harmonisées suivantes : **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015**, ainsi qu'au document interne : **Procédure de gestion RoHS Makita QSDA001-QC**.

Lieu de la déclaration : **Kortenberg, Belgique**. Responsable : **Yasushi Fukaya, Directeur – Makita Europe N.V.** (date et signature sur la dernière page)

DEUTSCH

Anhang A: EG-Konformitätserklärung

Wir als die Hersteller: **Makita Europe N.V.**, Geschäftsadresse: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgien**. beauftragen **Yasushi Fukaya** mit der Zusammenstellung der technischen Dokumentation und erklären unter unserer alleinigen Verantwortung, dass das (die) Produkt(e); Bezeichnung: **Akku-Bohrhammer**. Bezeichnung des (der) Typs (Typen): **DHR171**. Erfüllt alle relevanten Vorschriften von **2006/42/EC** sowie alle relevanten Vorschriften der folgenden EG/EU-Richtlinien: **2014/30/EU, 2011/65/EU** und werden gemäß den folgenden harmonisierten Normen gefertigt: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** und internes Dokument: **QSDA001-QC Makita RoHS-Managementverfahren**.

Ort der Erklärung: **Kortenberg, Belgien**. Verantwortliche Person: **Yasushi Fukaya, Direktor – Makita Europe N.V.** (Datum und Unterschrift auf der letzten Seite)

ITALIANO

Allegato A: Dichiarazione di conformità CE

In qualità di fabbricante, **Makita Europe N.V.**, con indirizzo aziendale **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgio**, autorizza **Yasushi Fukaya** alla compilazione della documentazione tecnica e dichiara, sotto la propria ed esclusiva responsabilità, che il prodotto o i prodotti con designazione **Martello rotativo a batteria**, e con designazione del tipo o dei tipi: **DHR171**, è conforme a tutte le disposizioni rilevanti della normativa **2006/42/EC**, e che è, inoltre, conforme a tutte le disposizioni rilevanti delle Direttive CE/UE seguenti, **2014/30/EU, 2011/65/EU**, ed è fabbricato in conformità agli Standard Armonizzati seguenti, **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** e al documento interno: **Procedura di gestione RoHS Makita QSDA001-QC**.

Sede della dichiarazione: **Kortenberg, Belgio**. Persona responsabile: **Yasushi Fukaya, Direttore – Makita Europe N.V.** (data e firma sull'ultima pagina)

NEDERLANDS

Aanhangsel A: EG-verklaring van conformiteit

Wij als de fabrikant: **Makita Europe N.V.**, vestigingsadres: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, België**, volmachtigen **Yasushi Fukaya** tot samenstelling van het technisch dossier en verklaren als enige verantwoordelijke dat het product(en), omschrijving: **Accuboorthamer**; typenummer(s): **DHR171**; voldoet aan alle relevante voorschriften van richtlijn **2006/42/EC** en voldoet tevens aan de relevante voorschriften van de volgende EG/EU-richtlijnen: **2014/30/EU, 2011/65/EU** en is vervaardigd in overeenstemming met de volgende geharmoniseerde normen: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** en intern document: **QSDA001-QC Makita RoHS-beheersprocedure**.

Plaats van verklaring: **Kortenberg, België**. Verantwoordelijke persoon: **Yasushi Fukaya, Directeur – Makita Europe N.V.** (datum en handtekening op de laatste pagina)

ESPAÑOL

Anexo A: Declaración CE de conformidad

Nosotros como los fabricantes: **Makita Europe N.V.**, Dirección comercial: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Bélgica**. Autorizamos a **Yasushi Fukaya** para la compilación del archivo técnico y declaramos ante nuestra sola responsabilidad que el(los) producto(s); Designación: **Martillo Rotativo Inalámbrico**. Designación de tipo(s): **DHR171**. Cumple todas las provisiones pertinentes de **2006/42/EC** y también cumple con todas las provisiones pertinentes de las Directivas CE/UE siguientes: **2014/30/EU, 2011/65/EU** y está fabricado de acuerdo con los estándares unificados siguientes: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** y documento interno: **QSDA001-QC Procedimiento de gestión Makita RoHS**.

Lugar de la declaración: **Kortenberg, Bélgica**. Persona responsable: **Yasushi Fukaya, Director – Makita Europe N.V.** (fecha y firma en la última página)

PORTUGUÊS

Anexo A: Declaração de conformidade da CE

A empresa, na qualidade de fabricante: **Makita Europe N.V.**, Endereço comercial: **Jan-Baptist Vinkstraat 2, 3070 Kortenbergh, Bélgica**. Autorizamos **Yasushi Fukaya** a realizar a compilação do ficheiro técnico e declaramos, ao abrigo da nossa própria responsabilidade, que o(s) produto(s); Designação: **Martelete Rotativo a Bateria**. Designação de tipo(s): **DHR171**. Cumpre todas as indicações relevantes da **2006/42/EC**, cumprindo ainda todas as indicações relevantes das seguintes Diretivas CE/UE: **2014/30/EU, 2011/65/EU** e são fabricados de acordo com as seguintes Normas Harmonizadas: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** e documento interno: **QSDA001-QC Procedimento de Gestão RoHS Makita**.

Local da declaração: **Kortenbergh, Bélgica**. Pessoa responsável: **Yasushi Fukaya, Diretor – Makita Europe N.V.** (data e assinatura na última página)

DANSK

Tillæg A: EF konformitetserklæring

Vi som producenter: **Makita Europe N.V.**, Forrettningsadresse: **Jan-Baptist Vinkstraat 2, 3070 Kortenbergh, Belgien**, autoriserer **Yasushi Fukaya** til kompilationen af den tekniske fil og erklærer, under vores eneansvar, at produktet (produkterne), Betegnelse: **Akkubørbøhammer**. Betegnelse for type (typer): **DHR171**, opfylder alle de relevante betingelser for **2006/42/EC** og opfylder desuden alle de relevante betingelser i følgende EF/EU-direktiver: **2014/30/EU, 2011/65/EU** og er fremstillet i overensstemmelse med de følgende harmoniserede standarder: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** og det interne dokument: **QSDA001-QC Makita RoHS-administrationsprocedure**.

Sted for erklæring: **Kortenbergh, Belgien**. Ansvarlig person: **Yasushi Fukaya, Direktør – Makita Europe N.V.** (dato og underskrift på den sidste side)

ΕΛΛΗΝΙΚΑ

Παράρτημα Α: Δήλωση Συμμόρφωσης ΕΚ

Εμείς ως οι κατασκευαστές: **Makita Europe N.V.**, Διεύθυνση επιχείρησης: **Jan-Baptist Vinkstraat 2, 3070 Kortenbergh, Βέλγιο**. Εξουσιοδοτούμε τον **Yasushi Fukaya** για τη σύνταξη του τεχνικού αρχείου και δηλώνουμε, υπό την αποκλειστική ευθύνη μας, ότι το(α) προϊόν(τα), Χαρακτηρισμός: **Φορητό σφουροπρίκκι**. Χαρακτηρισμός τύπου(ων): **DHR171**. Ικανοποιεί όλες τις σχετικές διατάξεις της Οδηγίας **2006/42/EC** και επίσης ικανοποιεί όλες τις σχετικές διατάξεις των ακόλουθων Οδηγιών ΕΚ/ΕΕ: **2014/30/EU, 2011/65/EU** και κατασκευάζεται σύμφωνα με τα ακόλουθα εναρμονισμένα πρότυπα: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** και το εσωτερικό έγγραφο: **QSDA001-QC Διαδικασία διαχείρισης RoHS της Makita**.

Τόπος της δήλωσης: **Kortenbergh, Βέλγιο**. Υπεύθυνος: **Yasushi Fukaya, Διευθυντής – Makita Europe N.V.** (ημερομηνία και υπογραφή στην τελευταία σελίδα)

TÜRKÇE

Ek A: AT Uygunluk Beyanı

Üretici olarak biz, iş adresi **Jan-Baptist Vinkstraat 2, 3070 Kortenbergh, Belçika** olan **Makita Europe N.V.**; **Yasushi Fukaya'yı** teknik dosyanın hazırlanması için yetkilendiriyor ve tek sorumlu olarak Ürün Adı: **Akülü Kırıcı Delici** Model adı: **DHR171** olan ürünün/ürünlerin **2006/42/EC'nin** ilgili tüm hükümlerinin gerekliliklerini yerine getirdiğini, ayrıca **2014/30/EU, 2011/65/EU** AT/AB Direktiflerinin ilgili tüm hükümlerinin gerekliliklerini yerine getirdiğini ve **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** Eşdeğer Standartlarına ve **QSDA001-QC Makita RoHS Yönetim Prosedürü** dahil belgesinin ilkelere uygun olarak üretildiğini beyan ediyoruz.

Beyan yeri: **Kortenbergh, Belçika**. Sorumlu kişi: **Yasushi Fukaya, Müdür – Makita Europe N.V.** (tarih ve imza son sayfada bulunmaktadır)

SVENSKA

Bilaga A: EG-försäkran om överensstämmelse

I egenskap av tillverkare: **Makita Europe N.V.**, med företagsadress **Jan-Baptist Vinkstraat 2, 3070 Kortenbergh, Belgien**, auktoriserar vi **Yasushi Fukaya** för sammanställningen av den tekniska dokumentationen och försäkrar under ansvar att produkten (eller produkterna) – Beteckning: **Batteridrivna borhammare**. Typbeteckning: **DHR171**. – uppfyller alla relevanta bestämmelser i **2006/42/EC** och även uppfyller alla relevanta bestämmelser i följande EG/EU-direktiv: **2014/30/EU, 2011/65/EU**, samt är tillverkad i enlighet med följande harmoniserade standarder: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** och det interna dokumentet: **QSDA001-QC Makita RoHS-hanteringsförfarande**.

Plats för givande av försäkran: **Kortenbergh, Belgien**. Ansvarig person: **Yasushi Fukaya, Direktör – Makita Europe N.V.** (datum och underskrift på sista sidan)

NORSK

Tillegg A: EF-samsvarserklæring

Vi, som produsenter:

Makita Europe N.V., Forrettningsadresse: **Jan-Baptist Vinkstraat 2, 3070 Kortenbergh, Belgia** autoriserer **Yasushi Fukaya** til å kompilere den tekniske filen og erklærer under vårt eneansvar at produktet; Betegnelse: **Batteridrevet borhammer** Modellbetegnelse: **DHR171**. Oppfyller alle relevante bestemmelser i **2006/42/EC** og oppfyller også alle bestemmelser i følgende EF/EU-direktiver: **2014/30/EU, 2011/65/EU** og er fremstilt i samsvar med følgende harmoniserte standarder: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** og internt dokument: **QSDA001-QC Makita RoHS styringsprosedyre**.

Sted for erklæring: **Kortenbergh, Belgia**.

Ansvarlig: **Yasushi Fukaya, Direktør – Makita Europe N.V.** (dato og signatur på siste side)

SUOMI

Liite A: EY-vaatimustenmukaisuusvakuutus

Vastuullinen valmistaja: **Makita Europe N.V.**, yrityksen osoite: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgia**, valtuuttaa **Yasushi Fukaya** kokoamaan tekniset asiakirjat ja vakuuttaa omalla vastuullaan, että tuote (tuotteet); Laitteen nimi: **Akkukäyttöinen poravarasara**. Laitteen tyyppi (tyypit): **DHR171**. Täyttää kaikki direktiivin **2006/42/EC** olennaiset vaatimukset sekä täyttää myös kaikki seuraavien EY/EU-direktiivien olennaiset vaatimukset: **2014/30/EU, 2011/65/EU** ja on valmistettu seuraavien yhdenmukaistettujen standardien: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** sekä sisäisen asiakirjan: **QSDA001-QC Makita RoHS-hallintamenettely mukaisesti**. Ilmoituksen antopaikka: **Kortenberg, Belgia**. Vastuuhenkilö: **Yasushi Fukaya, johtaja – Makita Europe N.V.** (päivämäärä ja allekirjoitus viimeisellä sivulla)

LATVIEŠU

A pielikums: EK atbilstības deklarācija

Ražotājs **Makita Europe N.V.**, juridiskā adrese: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgija**, pilnvaro savu pārstāvi **Yasushi Fukaya** sagatavot tehnisko dokumentāciju un ar mūsu vienpersonisko atbildību paziņot, ka izstrādājums(-), nosaukums: **Bezvadā perforators**, veids(-): **DHR171**, atbilst visiem attiecīgajiem direktīvas **2006/42/EC** noteikumiem, kā arī atbilst visiem attiecīgajiem šādu EK/ES direktīvu noteikumiem: **2014/30/EU, 2011/65/EU**, un ir ražots(-) saskaņā ar šādiem harmonizētajiem standartiem: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015**, kā arī saskaņā ar iekšējo dokumentu: **QSDA001-QC Makita RoHS pārvaldības procedūra**. Deklarācijas izdošanas vieta: **Kortenberg, Belgija**. Atbildīgā persona: **Makita Europe N.V. direktors Yasushi Fukaya** (datumu un parakstu skatiet pēdējā lapā)

LIETUVIŲ KALBA

A priedas: EB atitikties deklaracija

Mes, gamintojai **Makita Europe N.V.**, įmonės adresas: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgija**, įgaliojame **Yasushi Fukaya** parengti techninę bylą ir savo išskirtine atsakomybe deklaruojame, kad gaminys (-iai); žymuo: **Akumulatorinis smūginis grąžtas**; Tipas (-ų) žymuo: **DHR171**. Atitinka visus aktualius **2006/42/EC** nuostatus ir taip pat toliau nurodytų EB/ES direktyvų nuostatus: **2014/30/EU, 2011/65/EU**; be to, pagaminta laikantis šių darniųjų standartų: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** ir vidinio dokumento: **QSDA001-QC „Makita“ RoHS valdymo procedūra**. Deklaravimo vieta: **Kortenberg, Belgija**. Atsakingasis asmuo: **Makita Europe N.V. direktorius Yasushi Fukaya** (data ir parašas pateikti paskutiniame puslapyje)

EESTI

Lisa A: EÜ vastavusdeklaratsioon

Meie kui tootjad: **Makita Europe N.V.**, juridiiline aadress: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgia**, volitame **Yasushi Fukaya** koostama tehnilist toimituk ja kinnitame oma ainuvastutusel, et toode/tooted; nimetus: **Juhtmeta puurvarasara**; Tüübinimetus(ed): **DHR171**; vastab direktiivi **2006/42/EC** kõigile asjaomastele sätetele ning EÜ/EL direktiivide **2014/30/EU, 2011/65/EU** kõigile asjaomastele sätetele ning on toodetud kooskõlas järgmistele ühtlustatud standardite: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** ja sisedokumentiga **QSDA001-QC (Makita ohtlike ainete kasutamise piiramise menetluskord)**. Deklareerimiskoht: **Kortenberg, Belgia**. Vastutav isik: **Yasushi Fukaya, direktor – Makita Europe N.V.** (kuupäev ja allkiri viimasel leheküljel)

POLSKI

Aneks A: Deklaracja zgodności WE

My jako producent: **Makita Europe N.V.**, adres firmy: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgia**. Upoważniamy pana **Yasushi Fukaya** do opracowania dokumentacji technicznej i wydania oświadczenia na naszą wyłączną odpowiedzialność, że produkt(y); Opis: **Młotowiertarka Akumulatorowa**. Oznaczenie typu (typów): **DHR171**. Spełniają wszelkie stosowne postanowienia dyrektywy **2006/42/EC** i dodatkowo spełniają wszelkie stosowne postanowienia poniższych dyrektyw WE/UE: **2014/30/EU, 2011/65/EU** i są produkowane zgodnie z następującymi normami zharmonizowanymi: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** oraz wewnętrznym dokumentem: **Procedura zarządzania firmy Makita w ramach RoHS QSDA001-QC**. Miejsce złożenia deklaracji: **Kortenberg, Belgia**. Osoba odpowiedzialna: **Yasushi Fukaya, Dyrektor Makita Europe N.V.** (data i podpis na ostatniej stronie)

MAGYAR

A. függelék: EK megfeleléségi nyilatkozat

Felelős gyártóként, a **Makita Europe N.V.**, székhely címe: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgium**, feljogosítottuk **Yasushi Fukaya**-t a műszaki dokumentáció összeállítására, és saját kizárólagos felelősségünkre kijelentjük, hogy a termék(ek); rendeltetése: **Akkumulátoros fúrókalapács**; típusmegnevezése: **DHR171**; megfelel a **2006/42/EC** irányelv minden vonatkozó rendelkezésének, továbbá megfelel az alábbi EK/EU irányelvek minden vonatkozó rendelkezésének: **2014/30/EU, 2011/65/EU**, és gyártása az alábbi harmonizált szabványoknak: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** és a következő belső dokumentumnak megfelelően történt: **QSDA001-QC Makita Elektromos és elektronikus berendezések veszélyes anyagainak korlátozására (RoHS) vonatkozó kezelési eljárás**. A nyilatkozattétel helye: **Kortenberg, Belgium**. Felelős személy: **Yasushi Fukaya, igazgató – Makita Europe N.V.** (datum és aláírás az utolsó lapon)

SLOVENSKY

Priloga A: Vyhlasenie o zhode v rámci ES

Naša spoločnosť, ako výrobca: **Makita Europe N.V.**, firemná adresa: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgicko**. Týmto oprávňujeme **Yasushi Fukaya** na zostavenie technického súboru a vyhlasujeme na našu výhradnú zodpovednosť, že výrobok(ky); Označenie: **Akumulátorové vrťacie kladivo**. Označenie typu(ov): **DHR171**. Splňa všetky príslušné ustanovenia **2006/42/EC** a taktiež splňa všetky príslušné ustanovenia nasledujúcich smerníc ES/EÚ: **2014/30/EU, 2011/65/EU**, pričom je vyrobená v súlade s nasledujúcimi harmonizovanými normami: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** a interný dokument: **QSDA001-QC Postup spoločnosti Makita pri riadení obmedzenia používania určitých nebezpečných látok v elektrických a elektronických zariadeniach (RoHS)**.

Miesto vyhlásenia: **Kortenberg, Belgicko**. Zodpovedná osoba: **Yasushi Fukaya, riaditeľ – Makita Europe N.V.** (dátum a podpis sú uvedené na poslednej strane)

ČESKY

Priloga A: ES prohlášení o shodě

My, jako výrobci: **Makita Europe N.V.**, Adresa firmy: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgie**. Pověřujeme **Yasushi Fukaya** sestavením technické dokumentace a prohlásíme na naši vlastní odpovědnost, že produkt(y); Označení: **Akumulátorové vrtačí a sekací kladivo**. Typové označení: **DHR171**. Splňuje veškerá příslušná ustanovení směrnice **2006/42/EC** a také splňuje všechna související ustanovení následujících směrnic ES/EU: **2014/30/EU, 2011/65/EU** a je vyroben v souladu s následujícími harmonizovanými normami: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** a interním dokumentem: **QSDA001-QC Postup řízení Makita RoHS**.

Místo prohlášení: **Kortenberg, Belgie**. Odpovědná osoba: **Yasushi Fukaya, ředitel – Makita Europe N.V.** (datum a podpis na poslední straně)

SLOVENSKO

Priloga A: ES-izjava o skladnosti

Mi, podjetje: **Makita Europe N.V.**, poslovni naslov: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgija**. ko proizvajalec pooblašamo g. **Yasushi Fukaya** za sestavo tehnične datoteke in na lastno odgovornost izjavljamo, da je izdelek; oznaka: **Brežično vrtno kladivo** Oznaka vrste(e): **DHR171**. V skladu z vsemi zadevnimi določili **2006/42/EC** in ustreza zahtevam vseh bistvenih določil naslednjih Direktiv ES/EU: **2014/30/EU, 2011/65/EU** ter je izdelan v skladu z naslednjimi harmoniziranimi standardi: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** in internim dokumentom: **QSDA001-QC Postopek upravljanja podjetja Makita v skladu z direktivo o omejevanju nevarnih snovi (RoHS)**.

Kraj izjave: **Kortenberg, Belgija**. Odgovorna oseba: **Yasushi Fukaya, direktor – Makita Europe N.V.** (datum in podpis na zadnji strani)

SHQIP

Shtojca A: Deklarata e konformitetit e KE-së

Ne, si kompania prodhuese: **Makita Europe N.V.**, me adresë biznesi: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgjikë**, autorizojmë **Yasushi Fukaya** për përpilimin e skedarit teknik dhe deklarojmë se është përgjegjësia jonë e vetme se produkti(et); Përkufizimi: **Çekiçi rrotullues me bateri**. Përcaktimi i llojit(eve): **DHR171**, përmbush të gjitha dispozitat përkatëse të **2006/42/EC**, gjithashtu përmbush edhe të gjitha dispozitat përkatëse të direktivave të mëposhtme të KE-së/BE-së: **2014/30/EU, 2011/65/EU** dhe prodhohen në përputhje me standardet e harmonizuara në vijim: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** dhe dokumentin e brendshëm: **Procedura për menaxhimin e kufizimit të substancave të rrezikshme (RoHS)** të veglave elektrike **Makita QSDA001-QC**.

Vendi i deklaratës: **Kortenberg, Belgjikë**. Personi përgjegjës: **Yasushi Fukaya, drejtor – Makita Europe N.V.** (data dhe firma në faqen e fundit)

БЪЛГАРСКИ

Анекс А: ЕО декларация за съответствие

В качеството си на производител ние: **Makita Europe N.V.**, с адрес на управление: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Белгия**, упълномощаваме **Yasushi Fukaya** да състави техническото досие и да декларира от наше име, че продукта(ите): Наименование: **Безжична ударна боршина**. Модел: **DHR171**. Отговаря(т) на съответните разпоредби на **2006/42/EC** и освен това отговаря(т) на съответните разпоредби на следните ЕО/ЕС директиви: **2014/30/EU, 2011/65/EU** и се произвежда(т) в съответствие със следните хармонизирани стандарти: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** и вътрешнофирмен документ **QSDA001-QC „Процедура на Makita за управление на ограничения на употребата на опасни вещества (RoHS)“**.

Място на издаване на декларацията: **Kortenberg, Белгия**. Оторизирано лице: **Yasushi Fukaya, Директор – Makita Europe N.V.** (дата и подпис на последната страница)

HRVATSKI

Prilog A: EZ Izjava o skladnosti

Mi kao proizvođači: **Makita Europe N.V.**, sa sjedištem u **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgija** ovlašćujemo **Yasushija Fukayu** za sastavljanje tehničke datoteke i izjavljujemo pod vlastitom isključivom odgovornošću da je proizvod(i); Oznaka: **Bežična udarna bušilica**. Oznaka vrste(a): **DHR171**. Zadovoljava sve relevantne odredbe Direktive **2006/42/EC** i također zadovoljava sve relevantne odredbe sljedećih direktiva **EZ-a/EU-a: 2014/30/EU, 2011/65/EU** i proizvodi se u skladu sa sljedećim usklađenim normama: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** i unutarnjim dokumentom tvrtke: **QSDA001-QC Postupak upravljanja tvrtke Makita u skladu s Direktivom o ograničenju uporabe određenih opasnih tvari u električnoj i elektroničkoj opremi (RoHS)**.

Mjesto davanja izjave: **Kortenberg, Belgija**. Odgovorna osoba: **Yasushi Fukaya, direktor – Makita Europe N.V.** (datum i potpis na zadnjoj stranici)

МАКЕДОНСКИ

Анекс А: Изјава за сообразност на ЕЗ

Ние, производителите: **Makita Europe N.V.**, со деловна адреса: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Белгија**. Го овластуваме **Yasushi Fukaya** за составување на техничката датотека и изјавуваме под наша лична одговорност дека производот(ите); Ознака: **Безжична чекан-дупчалка**. Ознака на тип(-ови): **DHR171**. Ги исполнува сите релевантни одредби на **2006/42/EC** и исто така ги исполнува сите релевантни одредби на следните директиви на ЕЗ/ЕУ: **2014/30/EU, 2011/65/EU** и се произведени во согласност со следниве усогласени стандарди: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** и внатрешниот документ: **Управна постапка за ограничување на опасни супстанции (RoHS) на Makita QSDA001-QC**.

Место на давање на изјавата: **Kortenberg, Белгија**. Одговорно лице: **Yasushi Fukaya, Директор – Makita Europe N.V.** (датум и потпис на последната страница)

ROMÂNĂ

Анеха А: Declarație de conformitate CE

Noi, **Makita Europe N.V.**, cu sediul social în: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Belgia**, în calitate de producători, îl împuternicim pe **Yasushi Fukaya** pentru redactarea fișierului tehnic și declarăm pe proprie răspundere că produsul (produsele); Denumire: **Ciocan rotopercutor cu acumulator**. Denumirea modelului (modelelor): **DHR171**. Respectă toate prevederile relevante ale directivei **2006/42/EC**; de asemenea, respectă toate prevederile relevante ale următoarelor directive CE/UE: **2014/30/EU, 2011/65/EU** și este fabricat în conformitate cu următoarele standarde armonizate: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** și cu documentul intern: **Procedura de management RoHS (limitarea utilizării substanțelor periculoase) Makita QSDA001-QC**.

Locul declarației: **Kortenberg, Belgia**. Persoana responsabilă: **Yasushi Fukaya, Director – Makita Europe N.V.** (data și semnătura pe ultima pagină)

СРПСКИ

Додатак А: ЕЗ декларација о усогласености

Ми као произвођач: **Makita Europe N.V.**, пословна адреса: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Белгија**, овлашћујемо **Yasushi Fukaya** да састави техничку документацију и под нашом искључивом одговорношћу изјави да следећи производ; ознака: **Безжична ударна бушилица**. Ознака тип(ова): **DHR171**. Испуњава све одговарајуће одредбе директиве **2006/42/EC** и све релевантне одредбе следећих директива ЕЗ/ЕУ: **2014/30/EU, 2011/65/EU** и произведен је у складу са следећим хармонизованим стандардима: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** и интерним документом: **QSDA001-QC Makita процедура за управљање ограничењем употребе одређених опасних супстанци (RoHS)**.

Место изјаве: **Kortenberg, Белгија**. Одговорна особа: **Yasushi Fukaya, директор – Makita Europe N.V.** (датум и потпис се налазе на последњој страници)

РУССКИЙ

Приложение А: Сертификат соответствия ЕС

Производители: **Makita Europe N.V.**, Рабочий адрес: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Бельгия**. Уполномочиваем **Yasushi Fukaya** для составления файла технических данных и заявляем со всей нашей ответственностью, что изделие(я); Наименование: **Аккумуляторный Перфоратор**. Обозначение типа(ов): **DHR171**. Удовлетворяет всем соответствующим положениям **2006/42/EC**, а также удовлетворяет всем соответствующим положениям следующих Директив ЕС/ЕС: **2014/30/EU, 2011/65/EU** и производится согласно следующим гармонизированным стандартам: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** и внутреннему документу: **Процедура управления ограничениями на использование опасных материалов Makita QSDA001-QC**.

Место декларирования: **Kortenberg, Бельгия**. Ответственное лицо: **Yasushi Fukaya, Директор – Makita Europe N.V.** (дата и подпись на последней странице)

ҚАЗАҚША

А қосымдасы: ЕҚ-ның сәйкестік жөніндегі мәлімдемесі

Өндіруші ретінде әрекет ететін:

Makita Europe N.V., Жұмыс мекенжайы: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Бельгия**

Yasushi Fukaya мырзаға техникалық файлды құрастыру өкілдігін беріп, айрықша жауапкершілікпен келесі өнім(-дер):

Атауы: **Аккумуляторлы перфоратор**

Түрінің(түрлерінің) коды: **DHR171**.

2006/42/EC стандартының барлық тиісті талаптарына, **2014/30/EU, 2011/65/EU** ЕҚ/ЕО директиваларының барлық тиісті талаптарына сәйкес келеді, сондай-ақ **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** келісілген стандарттарына және «**QSDA001-QC: Makita компаниясының RoHS талаптарына қатысты басқару процедурасы**» атты ішкі құжатына сәйкес жасап шығарылды деп мәлімдейді.

Мәлімдеме жасалған жер: **Kortenberg, Бельгия**.

Жауапты тұлға: **Yasushi Fukaya, Директор – Makita Europe N.V.** (күні мен қол соңғы бетке қойылған)

УКРАЇНСЬКА

Додатак А: Декларація про відповідність стандартам ЄС

Ми, як виробник: **Makita Europe N.V.**, адреса компанії: **Jan-Baptist Vinkstraat 2, 3070 Kortenberg, Бельгія**. Надаємо **Yasushi Fukaya**, уповноваження складати технічну документацію і з повною відповідальністю заявляємо щодо виробу(ів) таке; Найменування: **Бездротовий перфоратор**. Визначення типу(ів): **DHR171**. Відповідають усім відповідним положенням **2006/42/EC**, а також відповідають усім відповідним положенням таких директив ЄС/ЄС: **2014/30/EU, 2011/65/EU** та виготовлені згідно таких єдиних стандартів: **EN 60745-1:2009+A11:2010, EN 60745-2-6:2010, EN 55014-1:2006+A1:2009+A2:2011, EN 55014-2:2015** і такого внутрішнього документу: **Процедура керування обмеженням використання небезпечних речовин QSDA001-QC Makita**.

Місце декларування: **Kortenberg, Бельгія**. Відповідальна особа: **Yasushi Fukaya, директор – Makita Europe N.V.** (дата і підпис на останній сторінці)

简体中文

附录A: EC一致性声明

我们作为制造商: Makita Europe N.V., 营业地址: Jan-Baptist Vinkstraat 2, 3070 Kortenberg, 比利时。授权Yasushi Fukaya编译技术文件, 并在我们单独负责之下声明产品; 名称: 充电式电锤。类型名称: DHR171。满足2006/42/EC的所有相关条款, 并且也满足以下EC/EU指示的所有相关条款: 2014/30/EU、2011/65/EU, 并根据以下协调标准: EN 60745-1:2009+A11:2010、EN 60745-2-6:2010、EN 55014-1:2006+A1:2009+A2:2011、EN 55014-2:2015和内部文档: QSDA001-QC Makita RoHS管理程序而制造。

声明地点: Kortenberg, 比利时。负责人: Yasushi Fukaya, 总监 - Makita Europe N.V. (日期和签名在最后一页上)

繁體中文

附錄A: EC符合性聲明

我們以製造商身份:

Makita Europe N.V., 營業地址: Jan-Baptist Vinkstraat 2, 3070 Kortenberg, 比利時

授權Yasushi Fukaya編寫技術檔案, 並負全責聲明, 下列產品:

產品名稱: 電錘 (充電式電錘)

產品類型: DHR171。

符合2006/42/EC的所有相關條款, 並且符合下列EC/EU法規的所有相關條款: 2014/30/EU、2011/65/EU並且根據下列經過協調的標準製造: EN 60745-1:2009+A11:2010、EN 60745-2-6:2010、EN 55014-1:2006+A1:2009+A2:2011、EN 55014-2:2015以及內部文件: QSDA001-QC Makita RoHS管理程序。

聲明地點: Kortenberg, 比利時。

負責人: Yasushi Fukaya, 指導者 - Makita Europe N.V. (日期與簽名在最後一頁)

Yasushi Fukaya

30.06.2017

Makita Europe N.V.

Jan-Baptist Vinkstraat 2,
3070 Kortenberg, Belgium

IDE

885596B505



LITHIUM BATTERIES TEST SUMMARY

IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA


1	Product Manufacturer	Makita Corporation 3-11-8, Sumiyoshi-cho, Anjo, Aichi, 446-8502, Japan Phone : +81 (0)566-98-1711 www.makita.com
2	Model	Detachable Lithium-ion Batteries – Rechargeable Makita Type : BL Separable Lithium-ion Batteries – Rechargeable Makita Type : PDC Integral Lithium-ion Batteries – Rechargeable for Makita Cordless Cleaner Integral Lithium-ion Batteries – Rechargeable for Makita Cordless Screwdriver For detailed list of models see product test information table
3	Voltage rating	3.6V / 7.2V / 10.8V (12Vmax.) / 14.4V / 18V / 36V (40Vmax.) / 57.6V (64Vmax)
4	Ah rating	1.3Ah / 1.5Ah / 2.0Ah / 2.5Ah / 3.0Ah / 4.0Ah / 5.0Ah / 6.0Ah / 33.5Ah
5	Wh rating	5.4Wh / 10.8Wh / 14.0Wh / 16.2Wh / 17.0Wh / 22.0Wh / 27.0Wh / 28.08Wh / 35.1Wh / 36.0Wh / 44.0Wh / 54.0Wh / 58.0Wh / 72.0Wh / 80.0Wh / 87.0Wh / 90.0Wh / 94.0Wh / 108.0Wh / 144.0Wh / 180.0Wh / 230.2Wh / 288.0Wh / 1206Wh

List of Tests Conducted and Results

PERFORMED TESTS		RESULTS
38.3.4.1 T1	Altitude Simulation	Passed
38.3.4.2 T2	Thermal Test	Passed
38.3.4.3 T3	Vibration	Passed
38.3.4.4 T4	Shock	Passed
38.3.4.5 T5	External Short Circuit	Passed
38.3.4.7 T7	Overcharge	Passed

(Note that tests T6 and T8 are not applicable to batteries.)



Revision Date: 2021-11-19	Revision Number: 3.0
RESEARCH & DEVELOPMENT PLANNING DEPARTMENT GENERAL MANAGER Yoshihisa Inuzuka	Signature 

The UN 38.3 tests were performed by one of the following test houses and were tested to UN Manual Test and Criteria Revision 3 Amendment 1 or subsequent revisions or amendments.

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Description of Battery and Test Information

Model numbers	Physical Description	Battery weight (kg)	Wh rating	Test report number	Test report date	Applicable UN Numbers acc. to UN Model Regulations
BL0715 7.2V 1.5 Ah	Detachable cluster lithium-ion accumulator	0.12	10.8	QA-7349	10-Oct-2017	UN3480/ UN3481
BL1013/BL1014 10.8V/12Vmax. 1.3Ah	Detachable cluster lithium-ion accumulator	0.17	14.0	QA-7332 QA-7357	4-Oct-2017 20-Oct-2017	UN3480/ UN3481
BL1013/BL1014 10.8V/12Vmax. 1.3Ah	Detachable slide in lithium-ion accumulator	0.18	14.0	MT0038801	4-Mar-2011	UN3480/ UN3481
BL1015/BL1016 10.8V/12Vmax. 1.5Ah	Detachable slide in lithium-ion accumulator	0.25	17.0	CPK-QA-Lab- UN383PACK1402 CPK-Lab- UN383PACK15060	16-Aug-2014 16-Aug-2015	UN3480/ UN3481
BL1015/BL1016 10.8V/12Vmax. 1.5Ah	Detachable slide in lithium-ion accumulator	0.21	16.2	CPK-Lab- UN383PACK21053-A CPK-Lab- UN383PACK21054-A	05-Aug-2021 07-Aug-2021	UN3480/ UN3481
BL1021B 12Vmax. 2.0Ah	Detachable slide in lithium-ion accumulator	0.24	22.0	CPK-QA-Lab- UN383PACK15063	20-Aug-2015	UN3480/ UN3481
BL1040B/BL1041B 10.8V/12Vmax. 4.0Ah	Detachable slide in lithium-ion accumulator	0.43	44.0	CPK-Lab- UN383PACK14042 CPK-QA-Lab- UN383PACK15062	23-Dec-2014 23-Aug-2015	UN3480/ UN3481
BL1415N 14.4V 1.5Ah	Detachable slide in lithium-ion accumulator	0.32	22.0	SDI-UN-131101-02	17-Dec-2017	UN3480/ UN3481
BL1415NA 14.4V 1.5Ah	Detachable slide in lithium-ion accumulator	0.40	21.6	MT0045738	15-Jul-2011	UN3480/ UN3481
BL1430B 14.4V 3.0Ah	Detachable slide in lithium-ion accumulator	0.50	44.0	SDI-UN-P160118-01	18-Jan-2016	UN3480/ UN348
BL1440 14.4V 4.0Ah	Detachable slide in lithium-ion accumulator	0.53	58.0	QA-7358	20-Oct-2017	UN3480/ UN3481
BL1450 14.4V 5.0Ah	Detachable slide in lithium-ion accumulator	0.51	72.0	SDI-UN-P140807-01	11-Aug-2014	UN3480/ UN348



BL1460A 14.4V 6.0Ah	Detachable slide in lithium-ion accumulator	0.54	87.0	CPK-QA-Lab- UN383PACK15061	12-June-2015	UN3480/ UN3481
BL1460B 14.4V 6.0Ah	Detachable slide in lithium-ion accumulator	0.54	87.0	CPK-QA-Lab- UN383PACK15027	12-June-2015	UN3480/ UN3481
BL1415G 14.4V 1.5Ah	Detachable slide in lithium-ion accumulator	0.33	22.0	CPK-QA-Lab- UN383PACK16008	01-Mar-2016	UN3480/ UN3481
BL1415G 14.4V 1.5Ah	Detachable slide in lithium-ion accumulator	0.32	22.0	CPK-QA-Lab- UN383PACK21006-A	22-Mar-2021	UN3480/ UN3481
BL1420G 14.4V 2.0Ah	Detachable slide in lithium-ion accumulator	0.33	28.08	CPK-Lab- UN383PACK21007- A-1-1	23-Mar-2021	UN3480/ UN3481
BL1815N 18V 1.5Ah	Detachable slide in lithium-ion accumulator	0.36	27.0	MT0059172	15-Feb-2012	UN3480/ UN3481
BL1815N 18V 1.5Ah	Detachable slide in lithium-ion accumulator	0.36	27.0	CPK-QA-Lab- UN383PACK13025	13-Oct-2013	UN3480/ UN3481
BL1820B 18V 2.0Ah	Detachable slide in lithium-ion accumulator	0.38	36.0	QA-7337	5-Oct-2017	UN3480/ UN3481
BL1830B 18V 3.0Ah	Detachable slide in lithium-ion accumulator	0.64	54.0	QA-7344	5-Oct-2017	UN3480/ UN3481
BL1830B 18V 3.0Ah	Detachable slide in lithium-ion accumulator	0.60	54.0	SDI-UN-P160314-01	14-Mar-2016	UN3480/ UN3481
BL1840B 18V 4.0Ah	Detachable slide in lithium-ion accumulator	0.65	72.0	QA-7285	1-Sep-2017	UN3480/ UN3481
BL1840B 18V 4.0Ah	Detachable slide in lithium-ion accumulator	0.60	72.0	SDI-UN-P150209-01	10-Feb-2015	UN3480/ UN3481
BL1850B 18V 5.0Ah	Detachable slide in lithium-ion accumulator	0.64	90.0	QA-7286	1-Sep-2017	UN3480/ UN3481
BL1850B 18V 5.0Ah	Detachable slide in lithium-ion accumulator	0.62	90.0	SDI-UN-P160104-01	4-Jan-2016	UN3480/ UN3481



BL1860B 18V 6.0Ah	Detachable slide in lithium-ion accumulator	0.67	108.0	2017126J17835	7-Dec-2017	UN3480/ UN3481
BL1815G 18V 1.5Ah	Detachable slide in lithium-ion accumulator	0.39	27.0	CPK-QA-Lab- UN383PACK16012	23-Mar-2016	UN3480/ UN3481
BL1815G 18V 1.5Ah	Detachable slide in lithium-ion accumulator	0.38	27.0	CPK-Lab- UN383PACK21003-A	03-Mar-2021	UN3480/ UN3481
BL1820G 18V 2.0Ah	Detachable slide in lithium-ion accumulator	0.39	35.1	CPK-Lab- UN383PACK21004- A-1-1-1-1-1	09-Mar-2021	UN3480/ UN3481
BL3626 36V 2.6Ah	Detachable slide in lithium-ion accumulator	1.34	94.0	QA-7346	6-Oct-2017	UN3480/ UN3481
BL3622A 36V 2.2Ah	Detachable slide in lithium-ion accumulator	1.33	80.0	QA-7348	6-Oct-2017	UN3480/ UN3481
Integral Batteries for DF001D	Integral lithium- ion accumulator	0.13	5.4	CPK-QA-Lab- UN383PACK16026	26-Dec-2016	UN3480/ UN3481
Integral Batteries for CL105D / CL110D	Integral lithium- ion accumulator	0.18	14.0	CPK-QA-Lab- UN383PACK13028- K092-1-1	18-May-2014	UN3480/ UN3481
Integral Batteries for CL104D / CL111D	Integral lithium- ion accumulator	0.18	17.0	CPK-QA-Lab- UN383PACK16022-1- 1-1-1	27-Feb-2018	UN3480/ UN3481
BL1020V 10.8V/12Vmax. 2.0Ah	Integral lithium- ion accumulator	0.185	22.0	CPK-Lab- UN383PACK20004-A	21-Feb-2020	UN3480/ UN3481
BL4025 40Vmax. 2.5Ah	Detachable slide in lithium-ion accumulator	0.70	90.0	MDW-B19090	12-Sep-2019	UN3480/ UN3481
BL4040 40Vmax. 4.0Ah	Detachable slide in lithium-ion accumulator	1.04	144.0	1119040200	20-May-2019	UN3480/ UN3481
BL4020 40Vmax. 2.0Ah	Detachable slide in lithium-ion accumulator	0.68	72.0	1120010340	27-Feb-2020	UN3480/ UN3481
BL4050F 40Vmax. 5.0Ah	Detachable slide in lithium-ion accumulator	1.31	180.0	1120050246	28-Jun-2020	UN3480/ UN3481



BL4080F 40Vmax. 8.0Ah	Detachable slide in lithium-ion accumulator	1.90	288.0	1121030246	16-Apr-2021	UN3480/ UN3481
PDC1200 36V 33.5Ah	Separable lithium-ion accumulator	8.80	1206	HCT-BA-2002-RE016	13-Feb-2020	UN3480/ UN3481
BL6440 57.6V 4.0Ah	Separable lithium-ion accumulator	2.20	230.2	1120090534	28-Sep-2020	UN3480/ UN3481

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**Safety Information for
Lithium Ion Batteries for
Cordless Power Tools and
Electric Garden Equipment**



August 2021

PRELIMINARY REMARKS

EC

These batteries are neither "substances" nor "preparations" according to the REACH Regulation 1907/2006 EC. They have, however, to be regarded as "articles" which are not intended to release substances under normal or reasonably foreseeable conditions of use. Therefore it is not required to provide a Safety Data Sheet according to article 31 of the REACH Regulation (EC) 1907/2006.

US

Material Safety Data Sheets (MSDS) are a sub-requirement of the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR Subpart 1910.1200. This Hazard Communication Standard does not apply to various subcategories including anything defined by OSHA as an "article". OSHA has defined "article" as a manufactured item other than a fluid or particle;

- (i) which is formed to a specific shape or design during manufacture;
- (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and
- (iii) which under normal conditions of use does not release more than very small quantities, e.g. minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.

Because all of our batteries are defined as "articles", they are exempted from the requirements of the Hazard Communication Standard.

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Product Name:

Lithium-ion Batteries - Rechargeable

Makita Type : BLXXXX(Y) BLXXXXX(Y) BLXXXX(YY) LXXXX PDCXXXX

DOLMAR Type : AP-XXX AP-XXXX

Note:

XXX : "XXX" represents 3 digit numbers

XXXX : "XXXX" represents 4 digit numbers

XXXXX : "XXXXX" represents 5 digit numbers

(Y) or (YY) : A letter or two letters may be followed after the 4 or 5 digit numbers

(ex. BL7010, BL1850B, BL1415NA, BL36120A etc.)

Integral Lithium-ion Batteries –Rechargeable

Makita Cordless Cleaner Type :CLXXXX

Makita Cordless Screwdriver Type :DFXXXX

Note:

XXX : "XXX" represents 3 digit numbers

(ex. CL105D, DF001D etc.)

Manufacturer:



Makita Corporation

3-11-8, Sumiyoshi-cho, Anjo, Aichi,

446-8502, Japan

Phone : +81 (0)566-98-1711

www.makita.com

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2. HAZARDS IDENTIFICATION

Lithium ion batteries have a gas-tight seal and not hazardous when used and handled in accordance with the manufacturer's specifications.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Cathode: Li-, Ni-, Co-, Mn-, Al- containing oxides (active material), polyvinylidene fluoride (binder), carbon (conductive material), additives, aluminium foil

Anode: carbon (active material), silicon monoxide (active material), polyvinylidene fluoride(binder), styrene-butadiene rubber(binder), Carboxymethyl cellulose sodium salt(binder), Organic polymer (binder), additives, copper foil

Electrolyte: organic solvents (non aqueous liquids), lithium salt, additives,

The product does not contain metallic lithium or lithium alloys.

4. FIRST AID MEASURES

Skin or eye contact with released substances (electrolyte):

Rinse eyes thoroughly with water for at least 15 minutes. Seek medical attention.

Chemical Burns:

Chemical burns require appropriate treatment. Seek medical attention.

Respiratory tract:

In case of intensive smoke generation or gas release immediately leave the room. In case of large quantities and irritation of the respiratory tract, seek medical attention. Ensure sufficient ventilation.

Swallowing:

Rinse mouth and vicinity with water. Seek immediate medical attention.

5. FIREFIGHTING MEASURES

Fires from lithium batteries can basically be fought with water. There is no need for additional or special extinguishing agents. Surrounding fires can be fought with conventional extinguishing agents. The fire of a battery cannot be considered separately from the surrounding fire.

The cooling effect of water effectively prevents surrounding fire from spreading to batteries which have not yet reached the critical ignition ("thermal runaway") temperature.

Reduce fire load by separating large quantities and moving them away from the area of risk.

During a fire, gases may develop which may cause injuries of the respiratory tract. Take care of sufficient respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

When damaged the battery housing may release electrolyte. Seal batteries in an airtight plastic bag, add dry sand, chalk powder (CaCO₃) or vermiculite. Traces of electrolyte can be absorbed with dry paper towels. Wear protective gloves in order to prevent direct contact with skin. Thoroughly rinse contaminated areas with water.



Use appropriate personal protective equipment (protective gloves, protective clothing, protective mask, respiratory protection).

7. HANDLING AND STORAGE

Handling and Occupational Safety

Handle discharged batteries with care

Even when discharged, batteries represent a risk as they may deliver a very high short-circuit current. Even if they seem to be discharged lithium ion batteries need to be treated as carefully as if they were not discharged.

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Avoid impact and physical damage

Impact and penetration may damage the battery. This may cause leakage, heat generation, smoke, fire, or explosion.

Keep batteries away from other metal objects

Paperclips, coins, keys, nails, screws or other metal objects can short the terminals. This may cause burns or fire.

Under abusive conditions liquid may be released from the battery

Avoid contact with battery liquids. Rinse with water. Upon contact with eyes, seek also medical assistance. Liquid released from the battery may cause irritation or chemical burns.

Do not expose a batteries to fire or excessive temperature

Exposure to fire or temperature above 130 °C may cause fire, explosion and personal injuries. Do not incinerate batteries except for permitted waste incinerators.

Do not disassemble batteries

Disassembly or modification of the battery may damage the protection circuit. This may cause heat generation, smoke, fire, or explosion.

Do not immerse batteries in liquids like water or beverages

Exposure to liquids may damage the battery. This may cause heat generation, smoke, fire, or explosion.

Use only chargers recommended by the manufacturer

Chargers which are not suited for the battery being recharged may be damaged. This may cause fire.

Use cordless power tools and electric garden equipment only with designated batteries

Use of cordless power tools and electric garden equipment with other batteries may lead to battery damage. This may cause fire and personal injury.

Do not use damaged or modified batteries

Damaged or modified batteries may exhibit unpredictable risks. This may cause fire, explosion and personal injury.

Do not use defective batteries

Immediately stop using batteries when abnormalities are noticed, such as smell, heat, discoloration, or deformation. Otherwise the battery may be damaged. This may cause heat generation, smoke, fire, or explosion.

Storage

Always carefully observe warning notices on batteries and in instructions for use. Use only recommended battery types.

Lithium batteries preferably are to be stored at ambient temperature and in dry places (max. 50 °C). Large temperature fluctuations are to be avoided. (For example, do not store near heat radiators, do expose to sunlight for sustained periods).

Consult local authorities and insurers when storing large quantities of lithium batteries.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Not applicable. Lithium ion batteries are products, which do not release substances under normal and reasonably foreseeable conditions of use. Therefore there is normally no need for exposure controls and personal protection

9. PHYSICAL AND CHEMICAL PROPERTIES

Compact batteries with (plastic) housing, terminals

10. STABILITY AND REACTIVITY

When an upper temperature limit of (e.g. 130°C) is exceeded, batteries may rupture or the pressure relief mechanism may be activated.

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Safety Information for Lithium Ion Batteries for Cordless Power Tools and Electric Garden Equipment



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Exceeding a storage temperature of 60 °C may lead to accelerated ageing and premature loss of function.

11. TOXICOLOGICAL INFORMATION

Lithium ion batteries are products, which do not release substances under normal and reasonably foreseeable conditions of use. In case of damaged ingredients may be released.

12. ECOLOGICAL INFORMATION

Lithium ion batteries do not contain heavy metals (such as lead, cadmium or mercury).

13. DISPOSAL CONSIDERATIONS

In the EU, used batteries must not be disposed of with household waste and not be mixed with batteries of other systems in order to prevent risk for man and environment and not to exacerbate recycling.

Used batteries shall be returned (free of charge) to the point of sale or to a collection system (industry, distribution).

According to the EU battery directive, lithium batteries are marked with the symbol indicating 'separate collection' (crossed-out wheeled bin shown below).



To prevent short circuits and associated heating, lithium batteries must not be stored or transported in bulk form and unprotected. Suitable measures against short circuits include:

- Placing the batteries in original packaging or a plastic bag
- Individual protection of battery contacts (e.g. using insulating tape)
- Embedding in dry sand

14. TRANSPORT INFORMATION

Commercial transport of lithium ion batteries is subject to dangerous goods regulations. Transport preparations and transport are exclusively to be carried out by appropriately trained personnel and/or the process has to be accompanied by experts with suitable knowledge or qualified companies.

Transport regulations:

Lithium batteries are subject to the following dangerous goods regulations and exemptions based on the respective valid revision:

Class 9

UN 3480: LITHIUM ION BATTERIES

UN 3481: LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT,
(i.e. inserted in battery operated product) or



LITHIUM ION BATTERIES PACKED WITH EQUIPMENT
(i.e. packed together with battery operated product)

ADR, RID

Special provisions: 188, 230, 310, 376, 377, 636

Packing instructions: P903, P908, P909, LP903, LP904

Tunnel category E

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IMDG Code

Special provisions: 188, 230, 310, 348, 360, 376, 377

Packing instructions: P903, P908, P909, LP903, LP904

EmS: F-A, S-I

Stowage category A

ICAO, IATA-DGR

Special provisions: A88, A99, A154, A164, A181, A182, A183, A185, A201

Packing instructions: 965, 966, 967

All transport modes

[Test methods and requirements

In accordance with the dangerous goods regulations for lithium batteries, each new type of cell or battery must have passed all tests listed in the UN Manual of Tests and Criteria, Part III, Section 38.3. This particularly applies also if multiple cells or batteries have been assembled into new batteries (battery packs or battery assemblies). Therefore it should be confirmed here that batteries as distributed by the manufacturer/supplier have passed the respective tests.

These requirements also apply to used batteries. Used batteries that are intact and undamaged can usually be transported under the regulations for unused batteries]

Defective or damaged batteries are subject to more stringent regulations. These regulations may prohibit the transport completely. A general ban applies to air transport (IATA DGR - special provision A154).

For transport of used - but not damaged - batteries please refer to the respective special provisions.

Waste batteries and batteries which are sent for recycling or disposal are prohibited from air transport (IATA Special provision A 183).

Exemptions need to be approved in advance by the competent authority of the country of origin and the respective country of the airline.

15. REGULATORY INFORMATION

Regardless of shape, volume, weight and application, batteries, in the EU are subject to the respective national implementation of the European Battery Directive (2006/66/EC). It includes but is not limited to regulations regarding placing on the market, collection, treatment and recycling of batteries.

Transport regulations are according to IATA, ADR, IMDG, RID. Refer to section 14.

16. OTHER INFORMATION

This information provides assistance for compliance with legal requirements, but does not replace them. It is based on our present knowledge.

The above information was compiled to the best of our knowledge and belief.

The information does not represent any warranties. Distributors and users of the product have to take their own responsibility to observe applicable laws and regulations.