

**e1. IDENTIFICATION OF PRODUCT AND OF THE COMPANY/UNDERTAKING**

Product identifier:	Electrolux Rechargeable Lithium Ion Batteries
Battery Pack identification:	Articles covered by this SDS are shown in the attached list.
Recommended use:	Lithium Ion Battery in vacuum cleaner (see last page of models)
Details of supplier of the safety data sheet.	Electrolux AB S:t Göransgatan 143 Se-105 45 Stockholm Sweden +46 (0)87 38 60 00 info@electrolux.com
Emergency telephone number:	+46 (0)87 38 60 00 (only available during office hours)

**2. HAZARDS IDENTIFICATION**

Classification of the product:	<p>The product is not classified according to EC No 1272/2008</p> <p>The battery is sealed hermetically.</p> <p>The ingredients have no hazardous potential, except when battery is violated or dismantled.</p> <p>If in case mistreated the ingredients are released, a spontaneous flammable gas mixture may be released under certain circumstances (measures according to chapter 4 and 6).</p> <p>Attention: If batteries are treated wrong the danger of burns or burs occurs. Batteries must not be heated above 100°C or incinerated. The battery content must not get in contact with water. If the negative electrode get in contact with water or humidity hydrogen gas is formed, which may inflame spontaneously.</p>
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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Lithium ion Battery consisting of the following components

Material	CAS No/EC No	Content	Remark
Aluminium foil	7429-90-5 231-072-3	2-10%	Cathode (positive)
Metal oxide (proprietary)	Confidential	20-50%	
Binder	Confidential	<5%	
Copper foil	7440-50-8 231-159-6	2-10%	Anode (negative)
Carbon (proprietary)	Confidential	10-30%	
Electrolyte (proprietary)	Confidential	10-20%	
Inert Material	N/A	Remainder	

Ingredients shown are major constituent's representative of various compositions for lithium ion cells. Content and composition concentrations will vary with battery type/size.

During charge process lithium carbon intercalation phase is formed, which is highly flammable and corrosive, but not released under the circumstances of normal use

### 4. FIRST AID MEASUREMENTS

First aid – Inhalation	Exposure to content of an open or damaged battery: Move to fresh air. Get medical attention if any discomfort continues.
First aid – Skin contact	Exposure to content of an open or damaged battery: Remove solid particles and contaminated cloth immediately. Flush affected areas with plenty of water (at least 15 min).
First aid – Eye contact	Exposure to content of an open or damaged battery: Immediately rinse eye with plenty of tempered water (15-20°C) for at least 15 minutes. Seek for medical assistance.
First aid – Ingestion	Exposure to content of an open or damaged battery DO NOT induce vomiting. Drink plenty of water. No trials for neutralization. Seek for medical assistance.

### 5. FIRE-FIGHTING MEASURES

Extinguishing media	Metal fire extinction powder, rock salt or dry sand shall be used. In case only water is available, it can be used in large amounts
Extinguishing media with limited suitability:	Carbon dioxide (CO <sub>2</sub> ) is not suitable Water in small quantities may have adverse effects.

**Special protective equipment during fire-fighting:**

Wear self-contained breathing apparatus and protective clothing.

**Special hazard:**

Cells may explode and release metal parts.  
At contact of electrolyte with water trace of hydrofluoric acid may be formed. In this case avoid contact and take care for good ventilation.  
At contact of charged anode material with water extremely flammable hydrogen gas is generated.

**Attention:**

Do not let used extinguishing media penetrate into surface water or ground water. If necessary, thicken water or foam with suitable solids. Dispose of properly.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Leak from a damage or opened battery: Avoid contact with skin and eyes. Do not touch damaged containers or spilled materials unless wearing protective clothing as described in section 8.  
Keep unnecessary personnel away

**Environmental precautions:**

Bind released ingredients with powder (rock, salt, sand).  
Dispose of according to the local law and rules.  
Avoid leached substances to penetrate into the earth, canalization or water.

**Method for cleaning up:**

If battery casing is dismantled, small amounts of electrolyte may leak.  
Package the battery tightly including ingredients together with lime, sand or rock salt.  
Place in a designated labeled waste container, dispose according to local laws and rules  
Then clean affected area with water.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:**

Always follow the warning information on the batteries and in the manuals of devices. Only use the recommended battery types.  
Keep batteries away from children.  
In case of a battery change always replace the battery by new ones of identical type.  
Do not allow conductive material to touch the battery terminals. A dangerous short-circuit may occur and cause battery failure and fire.  
Use recommended charging time and current.  
Do not open, disassemble, crush or burn battery  
Do not expose batteries to extreme heat or fire.

Safe storage:	<p>Store in a dry place, preferably at room temperature (approx. 20°C).</p> <p>Avoid large temperature changes.</p> <p>Do not store close to heating devices.</p> <p>Avoid direct sunlight.</p> <p>Elevated temperatures can result in reduced battery performance.</p> <p>Prefer storage at 50% of the nominal capacity.</p>
Storage category according to TRGS 510:	<p>It is recommended to consider the "technical Rule for Hazardous Substances TRGS 510-Storage of hazardous substances in nonstationary containers" and to handle lithium ion batteries do according to storage category 11 ("combustible solids").</p>
Storage of large amounts:	<p>Follow the recommendations of the German Insurance Association (GDV - "Gesamtverband der Deutschen Versicherungswirtschaft e.V.") concerning lithium batteries: <a href="http://vds.de/fileadmin/vds_publikationen/vds_3103_web.pdf">http://vds.de/fileadmin/vds_publikationen/vds_3103_web.pdf</a></p> <p>In case of storage of large amounts (used storage volume &gt; 7 m<sup>3</sup> and/or more than 6 pallets) batteries shall be stored in fire-resistant or separated rooms or areas (e.g. warehouse or container for hazardous materials). Mixed storage with other products is not allowed. The storage area shall be monitored by an automatic fire detection system, connected to a permanently manned place. A fire-extinguishing system shall reflect the extinguishing agents mentioned in chapter 5.</p>
Specific use:	Vacuum Cleaners

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Under normal conditions during charge and discharge release of ingredients does not occur

**Occupational exposure limits** No exposure limits noted for the ingredients.

**Eye protection:**

**Hand protection:** Not necessary under normal conditions  
 Leak from a damaged or opened battery: Wear chemical goggles

**Body protection:** Not necessary under normal conditions  
 Leak from a damaged or opened battery: Wear chemical resistant impervious gloves

**Respiratory protection:** Not necessary under normal conditions  
 Leak from a damaged or opened battery: Use protective suit

**Hygiene measures** Not necessary under normal conditions

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Not applicable is closed.

**10. STABILITY AND REACTIVITY**

Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability:	The product is stable under normal conditions of use, storage and transport.
Conditions to avoid:	When heated above 100°C the risk of rupture occurs. At contact of electrolyte with water trace of hydrofluoric acid may be formed. At contact of charged anode material with water extremely flammable hydrogen gas is generated

**11. TOXICOLOGICAL INFORMATION**

Under normal conditions (during charge and discharge) release of ingredients does not occur. In case of accidental release see information in chapter 2, 3, 4.

**12. ECOLOGICAL INFORMATION**

Ecotoxicity	No ecological impacts expected under normal use conditions.
Persistence and degradability:	No data available.
Bioaccumulative potential	No data available.
Mobility in soil:	No data available.

**13. DISPOSAL CONSIDERATIONS****Disposal Method USA:**

Lithium ion batteries are classified by the federal government as non-hazardous waste and are safe for disposal in the normal municipal waste stream.

These batteries, however, do contain recyclable materials and are accepted for recycling by Call2Recycle, Inc. Please go to their website at [www.call2recycle.org](http://www.call2recycle.org) for additional information.

Always consider federal, state and local regulations.

**Disposal Method EU:**

In the European Union, manufacturing, handling and disposal of batteries is regulated on the basis of the DIRECTIVE 2006/66/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 6 September 2006 on batteries and accumulators and waste batteries and accumulators and repealing Directive 91/157/EEC.

Customers find detailed information on disposal in their specific countries using the web site of the European Portable Batteries Association

([http://www.epbaeurope.net/legislation\\_national.html](http://www.epbaeurope.net/legislation_national.html)).

Importers and users outside EU should consider the local law and rules.

Always consider federal, state and local regulations.

In order to avoid short circuit and heating, used lithium ion batteries should never be stored or transported in bulk. Proper measures against short circuit are:

- Storage of batteries in original packaging

- Coverage of the terminals

- Embedding in dry sand

## 14. TRANSPORT INFORMATION

IATA	Lithium Ion Batteries <sup>1</sup>	Batteries packed with equipment <sup>2</sup>
UN Number	UN 3480	UN 3481
UN Proper shipping name:	LITHIUM ION BATTERIES	LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT
Subsidiary risk	-	-
Label(s)	9A	9A
Packaging group	-	-
Environmental Hazards	No	No
IMDG	Lithium Ion Batteries <sup>1</sup>	Batteries packed with equipment <sup>2</sup>
UN Number	UN 3480	UN 3481
UN Proper shipping name:	LITHIUM ION BATTERIES	LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT
Subsidiary risk	-	-
Label(s)	9A	9A
Packaging group	-	-
Marine pollutant	No	No
EmS	F-A, S-I	F-A, S-I

<sup>1</sup> Rechargeable lithium ion batteries manufactured are considered to be UN 3480 Lithium Ion Batteries, and are tested according to 38.3 of the "UN Manual of Tests and Criteria" for compliance with the requirements of special provisions ADR 188, IMDG 188, as well as the requirements of DOT / 49 CFR § 173.185, and the requirements of IATA DGR packing instruction 965. Test results as well as other relevant information required for transportation are given in dedicated "Declarations of Conformity".

<sup>2</sup>May also be transported as UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT or UN 3481 LITHIUM ION BATTERIES PACKED WITH EQUIPMENT

During the transportation of large amounts of batteries by ship, trailer or railway, do not store them in places of high temperature and do not allow them to be exposed to condensation. During the transportation do not allow the packaging to be damaged, as a damage of the packaging may cause fire. In the event packaging is damaged, special procedures must be used including inspection and repackaging if necessary and handle with care.

Code of practice for packaging and shipment of secondary batteries given in IEC 62133: The packaging shall be adequate to avoid mechanical damage during transport, handling and stacking. The materials and pack design shall be chosen so as to prevent the development of unintentional electrical conduction, corrosion of the terminals and ingress of moisture.

Compilations of transport requirements for Lithium batteries can be found in:

<https://www.lithium-batterie-service.de/en/> <http://www.iata.org/whatwedo/cargo/dgr/Documents/lithium-battery-guidance-document-2017-en.pdf>

Each cell/battery is manufactured under the quality management program described in IATA DGR clause 3.9.2.6, ADR clause 2.2.9.1.7 e), and IMDG code clause 2.9.4.

## 15. REGULATORY INFORMATION

Marking consideration:	<p>European Union: According to Directive 2006/66/EC, the batteries have to be marked with the crossed wheel bin symbol. According to Commission Regulation (EU) No 1103/2010 portable secondary (rechargeable) batteries and accumulators shall be marked with a capacity marking, except those which are incorporated or designed to be incorporated in appliances before being provided to end-users, and not intended to be removed.</p> <p>Rechargeable Lithium ion batteries, which contain electronic modules (e.g. PCM) and which are subjected to the EMC directives 2004/108/EC or 2014/35/EU (as they are end-user replaceable devices), must undergo a CE conformity assessment and must wear the CE marking.</p> <p>According to Dangerous Goods Regulations (see 14.) battery packs have to be marked with the Watt-hour rating.</p>
International safety standards:	The basis cells are Recognized Components according to UL 1642
Water hazard class	The regulations of the German Federal Water Management Act (WHG) are not applicable as Lithium ion batteries are articles and not substances, thus there is no risk of water pollution, except the batteries are violated or dismantled.
Safety, health and environmental regulations/legislation of product	<p>EU regulation (EC) no 1272/2008 (CLP)</p> <p>EC DIRECTIVE 2008/98/EC (waste)</p> <p>EU Regulation (EC) no.1907/2006 (REACH)</p>

## 16. OTHER INFORMATION

**Note**

Date of issue of the transport regulations: ADR 2023, RID 2017, IATA 2024 (65th edition), SP 188 of IMDG CODE (Amdt. 41-22) (2022 Edition), DOT / 49 CFR 2018. Latest covered modification of the European Battery Directive 2006/66/EC: Directive 2013/56/EU.

**ROHS relevant substances and content in product**

Contents	CAS No.	Material
< 1 mg/kg	7440-43-9	Cadmium
< 10 mg/kg	7439-92-1	Lead
< 1 mg/kg	7439-97-6	Mercury (none intentionally introduced, see below)
< 5 mg/kg		Hexavalent Chromium (Cr6+)
< 5 mg/kg		PBB
< 5 mg/kg		PBDE

**Information**

The Lithium ion batteries do not contain heavy metals as defined by the European directives 2006/66/EC Article 21; they comply with the chemical composition requirements of this Directive.

Mercury has not been "intentionally introduced (as distinguished from mercury that may be incidentally present in other materials)" in the sense of the U.S.A. "Mercury-Containing and Rechargeable Battery Management Act" (May 13 1996).

The Regulation on Mercury Content Limitation for Batteries promulgated on 1997-12-31 by the China authorities including the State Administration of Light Industry and the State Environmental Protection Administration defines 'low mercury' as 'mercury content by weight in battery as less than 0.025%', and 'mercury free' as 'mercury content by weight in battery as less than 0.0001%'. And therefore: VARTA lithium ion batteries belong to the category of mercury-free battery (mercury content lower than 0.0001%).

**Models covered by this document:**

Model/Platform	Wh
<b>800 Wet&amp;Dry Cordless cleaner (platform Mulong)</b> EW8IU3DB, AW8IU3DB, EFW7171I EFW7131I	86.4 64.8
<b>700/7000 Cordless cleaner (platform Sakura)</b> EP7IUB14DB, EP7IUB14AM, EP7IAB14UG, EP7IAB14NI, EP7IHB14SH, EP7IHB14N2, EP7IHB14UV, EP7IUB14WET, EP7IUB14WN3, EP7IUI42XN EP7IAB14N4, AP7IUB14GG, AP7IUB14DB, AP7IUB14AM, AP7IUB14OG, AP7IAB14UG, AP7IHB14SH, AP7IUB14WET, AP7IUI4WB, AP7IA142XN, AP7IUI42MM	57.6
<b>700/7000 Cordless cleaner (platform Sakura) battery pack</b> SKRBPI44VTC6A-40(4INR22/70)	57.6
<b>800/8000 Cordless cleaner (platform Hippocampus)</b> EP8IUB25UG, EP8IUB25SH, EP8IUB25GG, EP8IABGF, EP8IAB25UG, EP8IHB25SH, EP8IB25GRN, EP8IUP25DB, EP8IU25ULT, EP8IB25WET, AP8IUB25UG, AP8IUB25SH, AP8IUB25GG, AP8IUB25DB, AP8IAB25UG, AP8IHB25SH, AP8IB25ÖKO, AP8IB25ECO AP8IP25GRN, AP8IP25ECO, AP8IUP25DB, AP8IA25ULT, AP8IA25COM, AP8IB25WET, EFP9I813, EFP9I814, EFP9I824BR, EHVS85S3AU, EHVS85P3AG, EHVS85H3AD, EHVS85W3AI, EHVS85W3AM	63
<b>ULTIMATEHOME 900 (platform Hippocampus)</b> EFP928I3WM, EFP92823, EFP92826	100
<b>800/8000 Cordless cleaner/ULTIMATEHOME 900 battery pack (platform Hippocampus)</b> HIPBP252VTC5A-25(7INR19/66), HIPBP252H26A-25(7INR19/66), HIPBP25225S-25(7INR19/65) HIPBP252VTC6A-40(7INR22/70)	63 100
<b>600/6000 Cordless cleaner (platform Pangu FL)</b> ES62CB25UG, ES62CP25DB, ES62AB25UG, ES62HB25SH, ES62HB25UV, ES62P25WET, ES62A252XN, ES62B25GRN, AS62CB25DH, AS62CB25HI, AS62CB25UG, AS62CP25DB, AS62AB25UG, AS62HB25SH, AS62HB25UV, AS62P25WET, AS62A252XN, AS62A25UOT, AS62B25GRN, AS62B25OKO, EFS7I42I, EFS7I423, EFS7I423, EFS7I425, EFS7I425WH, EFS7I435, EFS7I436, EFS7I423GR	63
<b>600/6000 Cordless cleaner (platform Pangu FL) battery pack</b> PABP252LI25-TP (7 cells INR18650-25PG)	63
<b>Pure F9/FX9 (platform Shiva)</b> FX9-I-ALRP, PF9I-ALRP, PF9I-4ST, PF9I-4IG, FX9-I-4ST, FX9-I-4IG, FX9-I-4ST, FX9-I-4IG, PF9I-6EG, PF9I-6IBM, PF9I-ANIMA, PF9I-ALRGY, FX9-I-IBM, FX9-I-MBM, FX9-I-ANIM, FX9-I-ALRG, FX9-I-IBM, FX9-I-MBM, FX9-I-ANIM, PF9I-6EB, PF9I-6PR, PF9I-6ESF, PF9I-6XRF, PF9I-6BWF, PF9I-6BWF, PF9I-6BWF, PF9I-6BWF, PF9I-6BWF, PF9I-6BWF, PF9I-6BWF, PF9I-6BWF, PF9I-6BW PF9I-ALRP, EHVS2520AW, EHVS3520AR	90
PF9I-5OGF, PF9I-5OGF, PF9I-5OGF, PF9I-5OGF, PF9I-5EBF, PF9I-5EBF, PF9I-5BTF, PF9I-5BTF, PF9I-5BTF, PF9I-5BTF, SHIF9	81,3
<b>Pure F9/FX9 battery pack (platform SHIVA)</b> SVA Li-on 32.4V battery pack SVA Li-on 36.0V battery pack	68 96
<b>Pure Q9/QX9 (platform Pangu &amp; Pangu Yeti)</b> PQ9I-40GG, QX9-I-40GG PQ9I-50MB, PQ9I-ANIMA, PQ9I-ALRGY, QX9-I-50IB, QX9-I-ANIMA, QX9-I-ALRGY, PQ92-3OBF, PQ92-3EMF, PQ92-3BWF	45.4 52,9
<b>Pure Q9/QX9 battery pack (platform Pangu &amp; Pangu Yeti)</b> PABP252LI2I-VTC4, PABP222LI20-TP PABP216LI2I-VTC4 PABP259LI20-TP PABP252LI2I-VTC4	44.4 45.36 51.8 52.92
<b>Well Q6-8/QX6-8X8 (platform Bacchus)</b> WQ6I-IOGG, WQ6I-IEDB, WQ6I-IEDBF, WQ6I-40OG, WQ6I-42GG, QX6-I-40OG, QX6-I-42GG, WQ6I-44SW, WQ6I-46DB, QX6-I-44SW, QX6-I-46DB, WQ6I-ANIMA, QX6-ANIM, WQ7I-P50IB, WQ7I-ANIMA, WQ7I-2OIB, WQ7I-2OIBF, WQ7I-2ESSF, WQ7I-2BSWF, WQ7I-50IB, QX7-I-50IB, WQ7I-ANIMA, WQ7I-GREEN QX7-ANIM, QX7-IULTAN, QX7-IULTAL, WQ7I-P50IB, QX7-I-P5IB, WQ7I-P52IB, WQ7I-P52SS, WQ7I-PALRS, QX7-IP52IB, QX7-IP52SW, QX7-I ÖKO WQ8I-55MB, QX8-2-16MB, WQ8I-ANIMA, WQ8I-ALRS, QX8-2-ANIM, WQ8I-PANIM, WQ8I-PALRG, QX8-2-PANI, QX8-2-PALR, WQ8I-3OMB, WQ8I-3PSGF, WQ8I-3OMBF EHVS35S2AU, EHVS35S2AD, EHVS35P2AT, EHVS35P2AI, EHVS35H2AQ	37.8 45.36 52.92 44.4
<b>Well Q6-8/QX6-8 battery pack (platform Bacchus)</b> BABPI85LI20-TP(5INR19/66) BABP222LI20-TP(6INR19/66) BABP259LI20-TP(6INR19/66)	37 44.4 51.8
<b>300/3000 Cordless cleaner (platform Bacchus FL)</b> AS3ICB18GG, AS3ICB18SH, AS3ICB18CR, AS3ICB18DB, ES3ICB18GG, ES3ICB18DB, ES3ICB18SH, ES3IC183DB	37.8
<b>500/5000 Cordless cleaner (platform Bacchus FL)</b> AS52CB18OG, AS52CB18DG, AS52CB18SH, AS52CB18DB, AS52AB18UG, AS52AB18BN, ES52CB18OG, ES52CB18DG ES52CB18UG, ES52CB18SH, ES52CB18DB	37

AS52CB21DB, AS52AB21UG, AS52CP21OG, AS52A212XN, AS52H212XN, AS52B21OKO, ES52CB21DB, ES52CB21SH	44.4
ES52CB21DG, ES52AB21UG, ES52CP21OG, ES52C212XN, ES52B21GRN	
AS52CB25UG, AS52AB25WB, AS52HP25SH, AS52B25WET, ES52AB25WB, ES52HP25SH, ES52HB25SH, ES52B25WET	51.8
<b>500/5000Cordless battery pack (platform Bacchus FL)</b>	
BAFLBP185LI20-TP (5INR19/66)	37
BAFLBP222LI20-TP(6INR19/66)	44.4
BAFLBP259LI20-TP(7INR19/66)	51.8
<b>Egorapido Classic (platform Nova)</b>	
EERC70EB, EER7GREEN, EER79SWM EERC70IW EERC72EB EERC72IW CX7-1-30EB CX7-1-30IW	16,2
<b>Egorapido battery pack (platform Nova)</b>	
A13105602 (Nova 10.8V LG cell)	16.2
<b>Egorapido (platform Arborina)</b>	
EER73DB, EER73BP, EER73IGM, CX7-2-30DB, CX7-2-30GM, CX7-2-30HO, EER73HO, ZB3501EB	21.6
ZB3501IG, ZB3502IG, ZB3501IG, ZB3501WR, ZB3501WR, ZB3501EB, ZB3501EB, ZB3501EB, ZB3501EB, EER73DB,	
EER73BP, EER73IGM, CX7-2-30DB, CX7-2-30GM, CX7-2-30HO, EER73HO, EERC73EB, EERC73SW	21.6
ZB330I, ZB3302AK, ZB3501IG	30.2
EER75STM EER7GREEN, CX7-2-35TM, CX7-2-35Ö, CX7-2-35FF, CX7-2-35RM, CX7-2-35TM, CX7-2-35WR, EER75STM, EER75NOW	27
EER7ANIMAL, EER7ALLRGY, EER79SWM, CX7-2-45AN, CX7-2-45WM, CX7-2-B360, CX7-2-S360, CX7-2-I360, ZB3320P, ZB3323B,	37.8
ZB3324B, ZB3325B, ZB3323BO, EER79EBM, EHVS3510AR, EHVS2510AW, EER77SSM, EER77MBM, CX7-2-45BM, CX7-2-45IM, ZB331I,	
ZB3314AK, EER75NOW, EHVS2510AW, EHVS3510AR, CX7-2-45M2, CX7-2-45MÖ, 140134299225, A13429922 SERV HANDUNIT ERA	
DTUNG CPL LIION 18V (Contained with battery pack US18650VTC4 (AR 5 cells 18V) 18V 2100mAh 37.8Wh)	
<b>Egorapido battery pack (platform Arborina)</b>	
TP ICR18650 (NVFL 4 cells 14.4V)	21.6
TP ICR18650 (AR 4 cells 14.4V), TP ICR18650 (14.4V 1500mAh) 21.6Wh	21.6
EVE ICR18650 (AR 4 cells 14.4V)	21.6
TP ICR18650 (18V 1500mAh) 18V 1500mAh 27Wh	27
EVE ICR18650 (18V 1500mAh) 18V 1500mAh 27Wh	27
ARBP180TP-20 18V 2000mAh 36Wh	36
ARBP144TP-20 14,4V 2000mAh 28.8Wh	28.8
<b>UltraPower/CX8 (platform Sangiovese)</b>	
CX8-2-75FF, CX8-2-75MG, CX8-2-75RR, CX8-2-75WR, EUP82MG, EUP82RR, ZB521I, EUP82WMR, EUP82WRM	43.2
CX8-2-80DB, CX8-2-80Ö, CX8-2-80TM, EUP84DB, EUP84IGM, EUP8GREEN	48,6
CX8-2-95GM, CX8-2-95IM, EUP86SSM, EUP86TBM, ZB5212	64,8
<b>TOP5/VOP5 (platform Magnum)</b>	
TOP5-14EB, VOP5-14EB	28,8
TOP5-18IW, VOP5-18IW, EP31CB18IW, AP31CB18IW, AP31CB18WP	36
TOP5-21TG, VOP5-21TG, EP31CB21TG, EP31CB21GP, AP31CB21TG	43.2
<b>Well S7/WX7 (platform Borderless)</b>	
WX7-60C, WX7-60A2, WX7-60CEI, WS71-6TG, WS71-6AS, WS71-6BB, WS71-6TG	5.4
WX7-90T4B, WX7-90B2B, WX7-90A2B, WS71-4AS, WS71-4VV, WS71-4CR	7.56
<b>Rapido (platform Frodo and Frodo classic)</b>	
HX6-10SW, HX6-23CB, HX6-27BM, HX6-35TM, ZB5003W, ZB5104WDB, ZB5104WD, ZB5106B, ZB5112E, ZB6106WDT, ZB6114BO	27
ZB6106WR, ZB6106WDB, HX6-13WR, HX6-13DB-W, ZB6307DB, AG6106R, ZB6106WDT, AG6106WDT	10.8
ZB6108GRE, ZB6210EB, HX6-23ÖKO, ZB6108C, AG6108C, AG6106R, ZB6108GRE	16.2
ZB6114IGM, HX6-24IGM, ZB6214IGM, ZB6114BO, AG6114B	21.6
HX6-30STM, ZB6218STM, ZB6118T, AG6120T, HX6-35TM	27
<b>Pure C9 (platform Fortuna) with AA/LR 1.5V battery</b>	
PC91-ALRG1, PC91-5IBM	
<b>Pure i9/ CX9 (platform Osiris)</b>	
PI91-5SGM, PI91-5MBM, PI91-5BSM, PI91-5SSM, RX9-1-IBM, RX9-1-SGM, RX9-1-SWN, RX8-1-SWN, PI81-4SWN	36
<b>Pure i9.2/ CX9.2 (platform Cyclops)</b>	
PI92-4STN, PI92-4ANM, RX9-2-STN, RX9-2-ANM, RX9-2-4STN	36
PI92-6DGM, RX9-2-IBM	57.6
<b>600/6000 Robotic cleaner (platform Midas)</b>	
ER61UDIUG, ER61UWIDB, ER61UWIDG, AR61UDIUG, AR61UWIDB, AR61UWIDG, EFR3121I, EFR3122I, EFR31223, ERB80	36
<b>600 cordless cleaner (platform Wakizhashi)</b>	
EP61CB21UG, EP61CB21DB, EP61C21AMZ, EP61CB21OG, EP61CB21WG, EP61CB21D2, EP61CB21WP, EP61AB21UG, EP61HB21SH, EP61C21SNI	54
EP61C21SN2, EP61HB21UV, EP61H21WET, EP61HB21WU, AP61CB21DR, AP61CB21DG, AP61CB21DB, AP61CB21SH, AP61CB21OG, AP61AB21SH	54
AP61AB21DG, AP61AB21DB, AP61HB21SH, AP61CB21DR, AP61CB21DB, AP61AB21DG, AP61CB21RS, AP61CB21WS, AP61AB21EX	54
EPF61712A, EPF61713A, EPF61723A, EPF61712, EPF61714, EPF61713, EHVS65S1AD, EHVS65S1AO, EHVS65W1AW	54
Battery pack: WKZS21625PG-25 (6INR19/66)	54
<b>800 Cordless cleaner (platform Peony)</b>	
EP82UB25UG, EP82UB25SH, EP82H25WET, EP83UB25SH, EP83HB25UV, AP82UB25DB, AP82UB25SH, AP82AB25DG, AP82A25SHX	100
AP83AB25DG, AP83A25XNX, EFP81825A, EFP81824, EFP81825, EFP8182S, EFP8182S, EFP81835S, EHVS85S3BD, EHVS85S3BG	100
EHVS85W3BW, EHVS85S3BW, EHVS85C3BW, EFP81825A	100
EFP81812W, EFP81814, EFP81813B	63

**600/6000 Robotic cleaner battery pack (platform Midas)**  
200GD-INR-H18650CH-4S1P

36

**Battery pack (spare part number)**

Hand unit 7.2V 1500mAh: 4055547089, 4055547071

10.8

Hand unit/battery 10.8V 1500mAh: TP ICRI8650 (10.8V 1500mAh), 140127175457, 4055421566, 4055421574, 4055554002

16.2

Hand unit/battery 14.4V 1500mAh: 140112523026, 140112523174, 140112523281, 140112523141, 140112523208, 4055421582, 4055421590, 140134299241, 4055547097, 140110035437, 140110035445, 140228949016

21.6

Battery kit 14.4V 2100mAh: 140112523554

30.24

Hand unit/battery 18V 1500mAh: 2199339314, 2199339322, 2199339900, 140055192672, 140055192797, 140134299225, 140134299316, 140134299456, 140055192219, 140112523299, 140112523307, 140112523232, 140112523224, 140112523331, 140112523836, 140127175473, 140134299217, 4055519732, 4055547105, 140110035452, 140110035478, 140110035460, 140110035486, 4055612677, 140228951012

27

Hand unit/battery 18V 2000mAh: 4055478210, 4055478863, 4055500476, 140131060034, 140242285017, 140248405031, 140248405056, 140248405023, 140248405049, 140248405015, 140228952010

36

Hand unit/battery pack 18V 2100mAh: 140108029970, 4055478160, 4055478228, 4055478178, 4055478087, 4055478103, 4055478202, 4055478111, 4055478350, 4055482295, 140157229026, 140197791118, 140197791142, 140197791126, 140197791134, 140197791159, 4055517660, 4055519500, 140197791571, 140197791563, 140197791589, 140197791605

37.8

Hand unit/battery pack 21.6V 2000mAh: 140242285025, 140248405098, 140248405072, 140248405114, 140248405064, 140248405080, 140248405106

43.2

Hand unit/battery pack 21.6V 2100mAh: 4055487278, 4055483749, 4055483749, 140157229034, 140197791167, 140197791175, 140197791183, 140197791191, 140197791258, 140197791266, 140197791597, 140197791621

45.36

Hand unit/battery pack 25.2V 2000mAh: 140242294019, 140248405148, 140248405122, 140248405130, 140248405155

50.4

Hand unit/battery pack 25.2V 2100mAh: 4055478301, 4055487286, 4055483798, 4055483848, 4055487302, 4055483855, 4055487294, 140191039019, 140197791241, 140197791233, 140197791225, 4055542544, 140204886117

52.92

Hand unit/battery pack 25.2V 2500mAh: 140231463013, 140242265092, 140242265050, 140242265134, 140242265027, 140242265035, 140242265100, 140242265076, 140242265126

63

Battery 32.4V 1500mAh: 140112530245, 140112530260

48.6

Battery 28.8V 1500mAh: 140112530252

43.2

Battery pack 21.6V 4000mAh: 4055937561

86.4

**800 Wet&Dry Cordless cleaner (Kermit)**

EW82UIDB, AW82UIDB, EHVS85D2AG

92.88

EW82U2DB, AW82U2DG, EFW817I3, EHVS85D2AD

92.88

Battery pack: T-DC7ID-SJ

92.88