Silent Tools™ Plus
A Bat9.6Wh

Important product and safety instructions
version 1.0
1 Caution 4
2 Prohibitions 6
3 Safety features 7
4 Operating instructions 8
5 Maintenance 9
6 Technical data 9
7 Warranty/regulations 10
8 Approvals 10
9 Warning/disclaimer on liability 11
1 Caution

• Refer to the user’s manual before using the application equipped with the battery

• Read the specific charger manual before charging

• Charge time should not be longer than specified in the manual

• If the cell is not charged after long exposure to the charger, discontinue charging

• Battery must be charged at operating temperature range 0 ~ 45°C

• Battery must be discharged at operating temperature range -20 ~ 55°C

• Check the positive (+) and negative (-) direction before inserting

• Battery must be stored separately

• For long-term storage battery must be stored in a cool, dry place

• Do not place the battery in direct sunlight or heat

• Do not use the battery in a high static energy environment where the protection device can be damaged

• If rust or smell is detected on first use, please return the product to the seller immediately
• Keep the battery away from children or pets

• If cell life span shortens after long usage, please exchange to new cells

• When battery is not in use, it is recommended to use the plastic protection cover

• Don’t use if venting pin is damaged/removed
2 Prohibitions

• Do not use any charger other than the one supplied

• Do not attempt to disassemble or reconstruct the battery

• Do not throw or cause impact

• Do not pierce a hole in the battery with sharp things (such as nail, knife, pencil, drill)

• Do not use with other batteries or cells

• Do not solder on battery directly

• Do not press the battery with overload in manufacturing process, especially ultrasonic welding

• Do not expose the battery to extreme heat. (such as fire)

• Do not put the battery into a microwave or high pressure container

• Do not use the battery in reverse position

• Do not connect positive(+) and negative(-) with conductive materials (such as metal, wire)

• Do not allow the battery terminals to be submerged in or wetted with water or sea water
3 Safety features

Short-circuit current protection, detection delay time 50µs, Short-circuit current release->release load.

• Over charge voltage protection 4.3±0,05v, release 4.1v

• Over discharge protection 2.4±0.1v, release 3.0v

• Max charge current 1,2a

• Over current discharge protection Min 2.5A max 4.5a

Battery is equiped with a safety device for cell failure. The orientation pin is part of safety feature. Damage to the orientation pin, pin loosens or is removed battery is not permitted to be used.
4 Operating instructions

It is recommended to use the plastic protective cover when battery is not in use. Batteries require charging before first use. Charge battery in the Silent Tools™ Plus Charger until the charger indicates ready status. Silent Tools™. Battery is of push-pull type and will only fit in one position in the CoroPlus electronics as Silent Tools™ Plus BT A 2PP or Silent Tools™ Plus BT A 1PP. Make sure the battery is pushed in all the way. There is a visual indicator for correct position.

Recharge the battery before storing. Battery status can be monitored in CoroPlus software (supplied separately).
5 Maintenance

Make sure the O-rings on the front of the battery are free of damage. Replace if needed. Make sure battery poles are clean.

Clean with a dry cloth or with universal electrical contact cleaner spray.

Lubricate O-rings if battery is hard to insert/pull out.

6 Technical data

Model: ST+_A_Bat9.6Wh Art.No 157432, Spare part No. 7130 110-01
Type A Type: Li-ion 1ICR18/65
3.6VDC/9.36Wh / 2600mAh (Cell made in Korea)
Size: Ø29 x 123mm
Weight: 132 g
O-ring (large): 12.1x1.6 NBR 70Shore A
O-ring (small): 4.1x1.6 NBR 70Shore A

Sandvik Teeness AS
Made in Norway
Phone: +47 73 53 96 00
sentralbord.teeness@sandvik.com
7 Warranty/regulations

Sandvik Coromant AB warrants its equipment for a limited period of two years, from purchase date, provided that it is installed exactly as defined in associated Sandvik Coromant documentation.

Failure to comply with this will invalidate the Sandvik Coromant warranty. Claims under warranty must be made from authorized service/sales personnel from Sandvik Coromant only.

8 Approvals

IEC 62133, UN38.3, UL1642, RoHS (Directive 2011/65/EU)
Li-ion batteries are classified as dangerous goods for transport according to the UN model regulation for the transport of dangerous goods.

This symbol means that according to local laws and regulations your product should be disposed of separately from household waste. When this product reaches its end of life, bring it to a collection point designated by local authorities. Some collection points accept products for free. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.
9 Warning/disclaimer on liability

The information provided in this battery information fact sheet is indicative and only valid at the date of its publication. The information given is designed only as a guidance for the safe handling, storage and transportation of these batteries. It is not to be considered as a warranty or quality specification. It is the responsibility of each individual handling these batteries to obtain from the supplier of the batteries the most appropriate information in order to complement, adapt or correct the content of this battery information fact sheet.