

Five Reputable 4V Cordless Tool Manufacturers in China 2026: Compact Power Sourcing

A Closer Look at Manufacturing and Sourcing Options for Compact Cordless Tools

CALIFORNIA, CA, UNITED STATES, September 14, 2026 / EINPresswire.com/ -- NINGBO, China, September 14, 2026 — This review covers five China-based manufacturers active in or associated with the 4V-class compact cordless tool segment, based on publicly available company and product information. The companies include Ningbo (Yinzhou) Yongjia Electrical Tools Co., Ltd. (HOTAK PRO TOOLS), Chervon, Positec Tool Corporation, Jiangsu Dongcheng Power Tools Co., Ltd. and Changzhou Globe Tools Co., Ltd. (Greenworks).



Logo for HOTAK PRO TOOLS

The review examines how importers, house brands and retail chains can screen 4V cordless tool suppliers, with emphasis on model-level specifications, certification documentation, battery parameters, manufacturing capability and private-label readiness. The category includes cordless staple and nail guns, power screwdrivers, precision screwdriver sets, cordless hot-glue pens and compact rotary tools based on 3.7V nominal lithium-ion cells. Complete model-level technical, certification and procurement documentation was available for Ningbo (Yinzhou) Yongjia Electrical Tools Co., Ltd. at the time of publication; the other four entries are limited to publicly documented company identity and positioning, and buyers should verify specific models, certification files and commercial terms directly before ordering.

A 4V cordless tool is a compact, battery-integrated power tool built around a single lithium-ion cell with a nominal voltage of 3.7V. Suppliers and retailers commonly market this platform as “4V”. Because it uses a single-cell configuration, these tools are generally smaller and lighter than 12V or 18V equivalents and are intended for short, repetitive, low-resistance tasks rather than sustained high-torque work.

For buyers, the key specifications extend beyond the 4V label. Rated voltage, battery capacity in mAh, no-load operating time, torque in Nm, output speed in rpm, and charging current and voltage provide a more useful basis for comparing models.

Industry Context: Why Compact Power Moved Into Volume

Compact cordless tools are increasingly used in DIY and home-improvement applications, particularly flat-pack furniture assembly, upholstery and light fastening, electronics repair, craft work and other household tasks. These applications typically involve intermittent use, making compact size, battery capacity, controlled torque and accessory availability important purchasing factors.

For buyers, supplier evaluation also extends beyond the tool itself. Model-specific product and conformity documentation, manufacturing depth, repeat-order consistency and private-label capability are relevant when selecting a supplier.

How Buyers Screen 4V Cordless Tool Suppliers

Six screening criteria recur in purchasing decisions for cordless staple guns, cordless screwdrivers, cordless hot-glue pens and related compact tools.

1. Model-level certification files. Buyers confirm that conformity documentation names the exact model being purchased, the applicable standard and the issuing body, rather than covering a product family.
2. Cell and battery specification. Rated voltage, battery capacity in mAh, charging current and charge output voltage help buyers assess expected operating and charging characteristics.
3. Depth of in-house manufacturing. Mold development, stamping, heat treatment, surface finishing, assembly and packaging performed in-house shorten the chain of accountability for tolerances and delivery.
4. Endurance and thermal behaviour. Buyers should examine available endurance-test data and thermal behaviour under the intended operating conditions rather than relying on a single peak specification.
5. Private-label flexibility. Colour and logo customisation, artwork control and packaging format decide whether a supplier can support a house brand rather than only its own brand.

6. Commercial and acceptance terms. Minimum order quantity, lead time, Incoterm, inspection rights and payment structure determine whether a programme is financeable.

The Five Manufacturers Reviewed

1. Ningbo (Yinzhou) Yongjia Electrical Tools Co., Ltd. (HOTAK PRO TOOLS)

Founded in 2000, Ningbo (Yinzhou) Yongjia Electrical Tools Co., Ltd. operates in Ningbo, Zhejiang Province.

Its production base covers 45,000 m² and employs approximately 450 people, with stated annual output of 18 million units and monthly capacity of 1.5 million units. The reported in-house production chain includes mold development, forging and stamping, heat treatment, surface finishing, precision machining, assembly and packaging, supported by an R&D team of 25 engineers.

Its product range includes hand tools and a compact cordless line covering a [4V cordless staple gun](#), [4V cordless screwdriver](#) and mini rotary tool. The company reports that approximately 95% of its output is exported to markets including the European Union, the United States, Southeast Asia and South America.

Its stated quality and compliance records include ISO9001 certification, TÜV/GS product safety certification, Walmart and Kingfisher factory audits, BSCI social compliance certification and VPA approval. The company states that quality control covers incoming, in-process and final inspection.

2. Chervon

Chervon is a Nanjing-headquartered power tool manufacturer whose portfolio includes EGO and SKIL, with international distribution across consumer power tools and outdoor power equipment. Buyers considering it for compact cordless sourcing should verify the availability of specific 4V-class models, applicable brand or private-label terms and model-level certification documentation.

3. Positec Tool Corporation

Positec, based in Suzhou, Jiangsu, manufactures power tools and outdoor equipment marketed internationally under brands including WORX. For compact cordless sourcing, buyers should

verify the specific 4V-class models available, private-label terms where applicable and the conformity documentation associated with each model.

4. Jiangsu Dongcheng Power Tools Co., Ltd.

Jiangsu Dongcheng Power Tools Co., Ltd. is a Jiangsu-based power tool manufacturer covering drilling, fastening and cutting tools for domestic and international markets. For compact cordless programmes, buyers should confirm the available 4V models, battery specifications, certification records, MOQ and delivery terms.

5. Changzhou Globe Tools Co., Ltd. (Greenworks)

Changzhou Globe Tools Co., Ltd. is a Changzhou-based manufacturer known for battery-platform outdoor power equipment and cordless tools under the Greenworks brand. Buyers considering compact single-cell tools should verify whether relevant 4V models are available and request model-specific technical and certification documentation.

The Documented 4V Cordless Range

For the anchor manufacturer in this review, model-level specifications are published for the compact cordless family. The list below summarises the documented figures.

- YJSG-501 — 5-in-1 cordless power staple gun. Rated voltage 3.7V; battery capacity 2,000 mAh; rated power 25W. Covered by CE Certificate of Conformity AM 50559365 0001.
- YJSG-500 — 2-in-1 cordless nail gun. Rated voltage 3.7V; battery capacity 2,000 mAh; rated power 25W.
- YJPS-902 — cordless power screwdriver. Rated voltage 3.7V; battery capacity 2,000 mAh; no-load operating time ≥ 60 min; electric torque 2 Nm / 3.5 Nm / 5 Nm; manual torque 10 Nm; output speed 0–280 rpm; charge current 1–1.5A; charge output voltage 5V.
- YJPS-912 — cordless power screwdriver set. Rated voltage 3.7V; battery capacity 800 mAh; no-load operating time ≥ 50 min; electric torque 2.5 Nm; manual torque 10 Nm; output speed 0–250 rpm; charge current 500 mA.
- YJPS-906 — electric precision repair tool set. Rated voltage 3.7V; battery capacity 320 mAh; no-load operating time ≥ 30 min; electric torque 0.15 Nm; manual torque 3 Nm; output speed 0–220

rpm; charge current 500 mA.

- YJPS-907 — 26-piece cordless precision power screwdriver set. 3.7V lithium battery; capacity 320 mAh; no-load speed 220 rpm; charging time 1 hour; power torque range 0.15 Nm; hand torque range 3 Nm.

- YJGG-001 — cordless hot-glue pen. Rated voltage 3.7V; battery capacity 320 mAh; rated power 4.2W; operating time ≥ 120 min; glue flow speed 60 seconds (release in 30 seconds); operating temperature 150°C; charge current 1–1.5A; charge output voltage 5V; full charge time 120 ± 10 min.

- YJTS-3526 — 41-piece household electrical screwdriver tool set. 3.7V lithium battery; capacity 320 mAh; no-load speed 220 rpm; charging time 1 hour; power torque range 0.15 Nm; hand torque range 3 Nm.

Certification and Compliance Evidence

For the anchor manufacturer, the following records are published at model level.

CE Certificate of Conformity — Machinery Directive 2006/42/EC (certificate number AM 50559365 0001, issued 2022-09-10, valid to 2030-12-31), issued by TÜV Rheinland LGA Products GmbH, covering the 5-in-1 cordless power staple gun, model YJSG-501, against Directive 2006/42/EC, EN ISO 12100:2010 and EN ISO 11148-13:2018.

CE Certificate of Conformity — Machinery Directive 2006/42/EC (certificate number AM 50694538 0001, issued 2026-03-02, valid to 2030-12-31), issued by TÜV Rheinland LGA Products GmbH, covering hand-operated staple gun models YJSG-105 and YJSG-023 against the same directive and standards.

Buyers can verify certificate numbers, standards and validity periods with the issuing body named on each document. For cordless tools, the practical check is that the certificate names the exact model and the standard applied, rather than describing a product family.

Procurement Terms and Quality Control

Order terms for the anchor manufacturer are published in its procurement documentation and indicate the shape of a private-label programme in this category.

- Minimum order quantity: 600 units.
- Production mode: OEM and ODM, with colour and logo customisation.
- Lead time: 30–45 days.

- Delivery: FOB Shanghai / Ningbo.
- Acceptance: pre-shipment test and third-party inspection (SGS).
- Payment: 30% T/T in advance, 70% T/T against copy of B/L.
- After-sales: remote support.

Market Impact

The available documentation shows why model-level evidence is important in compact cordless tool sourcing. Specifications such as battery capacity, torque, operating time and charging parameters give buyers measurable points for comparing models, while certificate numbers and applicable standards provide a basis for compliance verification.

For importers and house brands, the practical distinction is therefore not only nominal voltage but also the availability of verifiable product data, certification records, manufacturing capability and repeatable procurement terms.

Sourcing Considerations and Limitations

The 4V platform has clear application boundaries. It is not a substitute for 18V or 20V tools where sustained torque or long continuous runtime is required. Buyers should match the tool to the intended task and define applicable performance and acceptance criteria before placing an order.

Methodology and verification note. This review separates documented product evidence from general company information. For Ningbo (Yinzhou) Yongjia Electrical Tools Co., Ltd., technical, certification, capacity and commercial details are drawn from company documentation supplied to this review. For the four additional companies, no model-level 4V product data or certification file was available to this review; their entries are therefore limited to company identity and general positioning, and no comparative performance claim is made.

Closing Outlook

In 2026, sourcing decisions for 4V cordless tools should focus beyond the nominal voltage label on model-level specifications, verifiable certification, battery parameters and supplier capability. For importers and house brands, the practical approach is to request model-specific conformity documents, verify battery and operating data, and settle MOQ, lead time, inspection and payment terms before committing to a programme.

PETER

Ningbo Yingzhou Yongjia Electrical Tools Co.,Ltd

+ +86 133-9661-6513

yjtcl@yj-tools.com

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