

No. VE-4000

Electric Screwdrivers



The ergonomic design that reduces the burden on the worker during consecutive assembly and/or fastening work.

Easy installation and wiring. Accurate torque adjustment. Maintenance-free concept for long and constant use.

The VE series is an electric screwdriver for professional use that powerfully supports the production lines.



No. VE-4000

Electric Screwdrivers

High performance, slot-less and brush-less motor is used in the heart of an electric screwdriver. Improves not only the tightening accuracy but also the efficiency and maintainability, to enhance the performance of production sites.

Screwdriver Model Selection Table

| | Model | Output torque range | | | | | Applicable screws | | Working voltage |
|---------|-----------------------|---------------------|--|--|--|--|-------------------|-----------|----------------------|
| | | | | | | | Small screw | Tapping | |
| DC Type | VE-1500/ VE-1500EPA | 0.01~0.15 | | | | | M1.0~1.7 | 1.0~1.5mm | AC100V-240V (VCT-20) |
| | VE-2000/ VE-2000EPA | 0.06~0.34 | | | | | M1.0~2.3 | 1.0~2.0mm | AC100V-240V (VCT-20) |
| | VE-3000 | 0.15~1.0 | | | | | M1.6~3.0 | 1.6~2.6mm | AC100V-240V (VCT-30) |
| | VE-4000/ VE-4000P | 0.3~1.5 | | | | | M2.3~4.0 | 1.6~2.6mm | AC100V-240V (VCT-45) |
| | VE-4500/ VE-4500P | 0.4~1.8 | | | | | M2.3~4.0 | 2.3~3.0mm | AC100V-240V (VCT-45) |
| AC Type | VE-4000AC/ VE-4000PAC | 0.3~1.5 | | | | | M2.3~4.0 | 1.6~2.6mm | AC100V |
| | VE-4500AC/ VE-4500PAC | 0.4~1.8 | | | | | M2.3~4.0 | 2.3~3.0mm | AC100V |
| | VE-5000/ VE-5000P | 0.6~2.5 | | | | | M2.6~4.0 | 2.6~3.5mm | AC100V |
| | VE-6000/ VE-6000P | 1.6~4.5 | | | | | M3.5~5.0 | ≤4mm | AC100V |

0 N·m 1.0 N·m 2.0 N·m 3.0 N·m 4.0 N·m 5.0 N·m

HAND TOOLS

BITS & SOCKETS

ELECTRIC TOOLS

AIR TOOLS

STATIC SOLUTIONS

GASOLINE ENGINE TOOLS

No. VE-1500



Lever type DC Type 16-step×5scales



No. VE-2000



Lever type DC Type 16-step×5scales



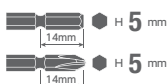
No. VE-3000



Lever type DC Type 16-step×8scales



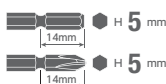
No. VE-4000



Lever type DC Type High-speed revolution 16-step×8scales



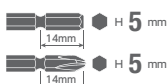
No. VE-4000P



Push type DC Type High-speed revolution 16-step×8scales



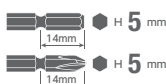
No. VE-4500



Lever type DC Type 16-step×8scales



No. VE-4500P



Push type DC Type 16-step×8scales

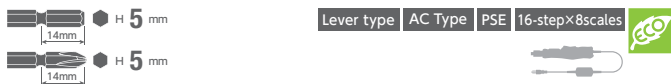


- Slot-less/brush-less motor is used. Tightening accuracy, efficiency and maintainability are improved.
- Easy-to-use ergonomic design. Shock absorbing gel pad enables a firm grip.
- Prevents mis-operation of adjustment by a tamper-proof sleeve. ●Power cable (2m) integrated type without a connector on the main body.
- VE-1500/2000 have connectors, and only the main body can be removed. Power cable length is 2m.

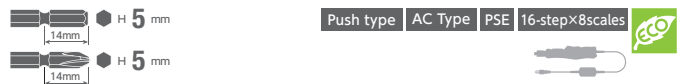
| Model No. | Output torque range (N·m) | Applicable screws Small screw Tapping (mm) | No-load rotation speed (min ⁻¹) | Rating | External dimensions (mm) | Weight (g) | Enclosed bits | Controller | EDP No. |
|-----------|---------------------------|--|---|-----------------------|--------------------------|------------|---|------------|---------|
| VE-1500 | 0.01~0.15 | M1.0~1.7 | 1.0~1.5 | HI 1000/LO 700 | DC12V 15W | 200 190 | D73 $\oplus 0 \times 1.4 \times 40 \dots 1 / \oplus 0 \times 1.7 \times 40 \dots 1$ | VCT-20 | 550001 |
| VE-2000 | 0.06~0.34 | M1.0~2.3 | 1.0~2.0 | HI 1000/LO 700 | DC12V 15W | 200 190 | D73 $\oplus 0 \times 1.4 \times 40 \dots 1 / \oplus 0 \times 1.7 \times 40 \dots 1$ | VCT-20 | 550002 |
| VE-3000 | 0.15~1.0 | M1.6~3.0 | 1.6~2.6 | HI 1000/LO 700 | DC32V 25W | 222 430 | D73 $\oplus 0 \times 1.7 \times 40 \dots 1 / \oplus 1 \times 3 \times 40 \dots 1$ | VCT-30 | 550003 |
| VE-3000U | | | | | | | | — | 550103 |
| VE-4000 | 0.3~1.5 | M2.3~4.0 | 1.6~2.6 | HI 2000/No LO setting | DC32V 55W | 250 700 | B36 $\oplus 1 \times 70 \dots 1 / \oplus 2 \times 70 \dots 1$ | VCT-45 | 550004 |
| VE-4000U | | | | | | | | — | 550104 |
| VE-4000P | 0.3~1.5 | M2.3~4.0 | 1.6~2.6 | HI 2000/No LO setting | DC32V 55W | 250 700 | B36 $\oplus 1 \times 70 \dots 1 / \oplus 2 \times 70 \dots 1$ | VCT-45 | 550005 |
| VE-4000PU | | | | | | | | — | 550105 |
| VE-4500 | 0.4~1.8 | M2.3~4.0 | 2.3~3.0 | HI 1000/LO 700 | DC32V 55W | 250 710 | B36 $\oplus 1 \times 70 \dots 1 / \oplus 2 \times 70 \dots 1$ | VCT-45 | 550006 |
| VE-4500U | | | | | | | | — | 550106 |
| VE-4500P | 0.4~1.8 | M2.3~4.0 | 2.3~3.0 | HI 1000/LO 700 | DC32V 55W | 250 710 | B36 $\oplus 1 \times 70 \dots 1 / \oplus 2 \times 70 \dots 1$ | VCT-45 | 550007 |
| VE-4500PU | | | | | | | | — | 550107 |

※Common accessories for products with controllers: 1 tamper-proof sleeve, 2 set screws (M3×3), 1 hexagonal wrench (H1.5), 1 AC cable (1.8 m), 1 3P2P conversion adapter, user manual Material: PC+elastomer
 ※Common accessories for products without controllers: 1 tamper-proof sleeve, 2 set screws (M3 × 3), 1 hexagonal wrench (H1.5), user manual Material: PC + elastomer

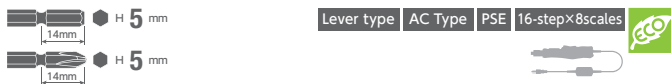
No. VE-4000AC



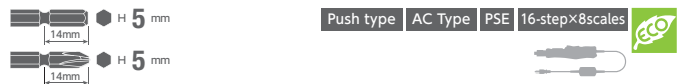
No. VE-4000PAC



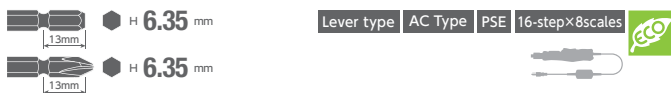
No. VE-4500AC



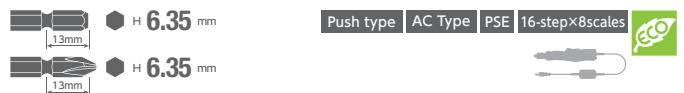
No. VE-4500PAC



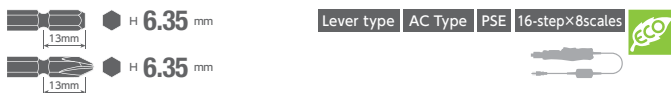
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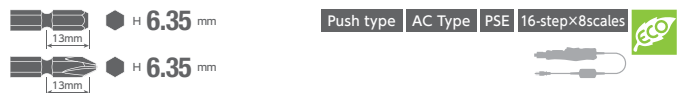
No. VE-5000P



No. VE-6000



No. VE-6000P



- Slot-less/brush-less motor is used. Tightening accuracy, efficiency and maintainability are improved.
- Easy-to-use ergonomic design. Shock absorbing gel pad enables a firm grip.
- Prevents mis-operation of adjustment by tamper-proof sleeve.
- Power cable (2.5m) integrated type without a connector on the main body.

The AC type is a 100VAC input that requires no controller.

| Model No. | Output torque range (N·m) | Applicable screws Small screw Tapping (mm) | No-load rotation speed (min ⁻¹) | Rating | External dimensions (mm) | Weight (g) | Enclosed bits | EDP No. |
|------------|---------------------------|--|---|----------------------|--------------------------|------------|--------------------------|---------|
| VE-4000AC | 0.3~1.5 | M2.3~4.0 1.6~2.6 | 2000 | AC100V 50/ 60Hz 40W | 250 | 840 | B36 \oplus 1×70...1 | 550014 |
| VE-4000PAC | | | | | | | B36 \oplus 2×70...1 | 550015 |
| VE-4500AC | 0.4~1.8 | M2.3~4.0 2.3~3.0 | 1000 | AC100V 50/ 60Hz 40W | 250 | 845 | B36 \oplus 1×70...1 | 550012 |
| VE-4500PAC | | | | | | | B36 \oplus 2×70...1 | 550013 |
| VE-5000 | 0.6~2.5 | M2.6~4.0 2.6~3.5 | 1000 | AC100V 50/ 60Hz 90W | 290 | 1100 | M-A14 \oplus 2×65H...2 | 550008 |
| VE-5000P | | | | | | | 550009 | |
| VE-6000 | 1.6~4.5 | M3.5~5.0 ≤4 | 1000 | AC100V 50/ 60Hz 120W | 290 | 1100 | M-A14 \oplus 2×65H...2 | 550011 |
| VE-6000P | | | | | | | 550010 | |

※Common accessories: 1 suspension ring (Except VE-4000, VE-4000P, VE-4500, VE-4500P), 1 tamper-proof sleeve, 2 set screws (M3×3), 1 hexagonal wrench (H1.5), 1 3P2P conversion adapter, user manual Material: PC + elastomer

HAND TOOLS

BITS & SOCKETS

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AIR TOOLS

STATIC SOLUTIONS

GASOLINE ENGINE TOOLS

No. VE-1500EPA



Lever type DC Type 24-step×5scales



No. VE-2000EPA



Lever type DC Type 24-step×5scales



One point

Conductive resin body

- Anti-static resin is used for the body, switch lever and sleeve. Prevents static electricity from damaging the assembled items. Resistance:10⁵ to 10¹⁰Ω or smaller



No.VE-1500EPA
No.VE-2000EPA

- Slot-less/brush-less motor is used. Tightening accuracy, efficiency and maintainability are improved.
- Easy-to-use ergonomic design. Shock absorbing gel pad enables a firm grip.
- Prevents mis-operation of adjustment by tamper-proof sleeve.
- Power cable(2m) integrated type without a connector on the main body.

| Model No. | Output torque range (N·m) | Applicable screws Small screw Tapping (mm) | No-load rotation speed (min ⁻¹) | Rating | External dimensions(mm) | Weight (g) | Enclosed bits | Controller | EDP No. | |
|-------------|---------------------------|--|---|-------------------|-------------------------|------------|---------------|--|---------|--------|
| VE-1500EPA | 0.01~0.15 | M1.0~1.7 | 1.0~1.5 | Hi: 1000/ LO: 700 | DC12V 15W | 200 | 190 | D73 Φ 0×1.4×40...1/ Φ 0×1.7×40...1 | VCT-20 | 550201 |
| VE-1500EPAU | | | | | | | | | — | 550108 |
| VE-2000EPA | 0.06~0.34 | M1.0~2.3 | 1.0~2.0 | Hi: 1000/ LO: 700 | DC12V 15W | 200 | 190 | D73 Φ 0×1.4×40...1/ Φ 0×1.7×40...1 | VCT-20 | 550202 |
| VE-2000EPAU | | | | | | | | | — | 550109 |

※Common accessories for products with controllers: 1 suspension ring, 1 tamper-proof sleeve, 2 set screws (M3×3), 1 hexagonal wrench (H1.5), 1 AC cable (1.8 m), 1 3P2P conversion adapter, 1 3P/6P conversion cord, user manual. Material: Conductive PC + conductive elastomer
 ※Common accessories for products without controllers: 1 suspension ring, 1 tamper-proof sleeve, 2 set screws (M3 × 3), 1 hexagonal wrench (H1.5), 1 3P/6P conversion cord, user manual. Material: Conductive PC + conductive elastomer

No. VCT-20/ 30/ 45 DC Type Controller **NEW**



- Rear surface is cut in round shape, so that it is easily mounted on the pipe of the cell bench.
- HI (high speed) and LO (low speed) can be switched by flicking the switch.

| Model No. | Rating | Secondary power | Dimensions(mm) | Weight(g) | Compatible models | Package contents | EDP No. |
|-----------|----------------------------|---------------------------|----------------|-----------|---------------------------------|--|---------|
| VCT-20 | AC100~240V 50/60Hz 31~42VA | Hi: DC12V/ LO: DC9V 1.0A | 72×170×40 | 230 | VE-1500, 1500EPA, 2000, 2000EPA | AC cable (1.8m) ... 1, 3P2P conversion adapter ... 1 | 550301 |
| VCT-30 | AC100~240V 50/60Hz 63~79VA | Hi: DC32V/ LO: DC24V 1.0A | 72×170×40 | 300 | VE-3000 | AC cable (1.8m) ... 1, 3P2P conversion adapter ... 1 | 550302 |
| VCT-45 | AC100~240V 50/60Hz 62~78VA | Hi: DC32V/ LO: DC24V 0.9A | 82×200×55 | 510 | VE-4000, 4000P, 4500, 4500P | AC cable (1.8m) ... 1, 3P2P conversion adapter ... 1 | 550303 |