

DUROFIX™

Manufacturers of Precision & Power



PRO-ASSEMBLY SERIES

SOLUTION

FOR ASSEMBLY WORKS

CONTROL + MOTOR ALL-IN-ONE DESIGN

✓ HIGH PERFORMANCE WITH AIO MOTOR



ASSEMBLY PROCESSES OPTIMISATION

No cables, air hoses or compressors to get in the way

HIGH ACCURACY REPEATABILITY

Auto shut-off mechanisms ensure accuracy and precision every time.

LONGER LIFESPAN & BETTER ENERGY EFFICIENCY

Lithium-ion batteries and brushless motors get the job done



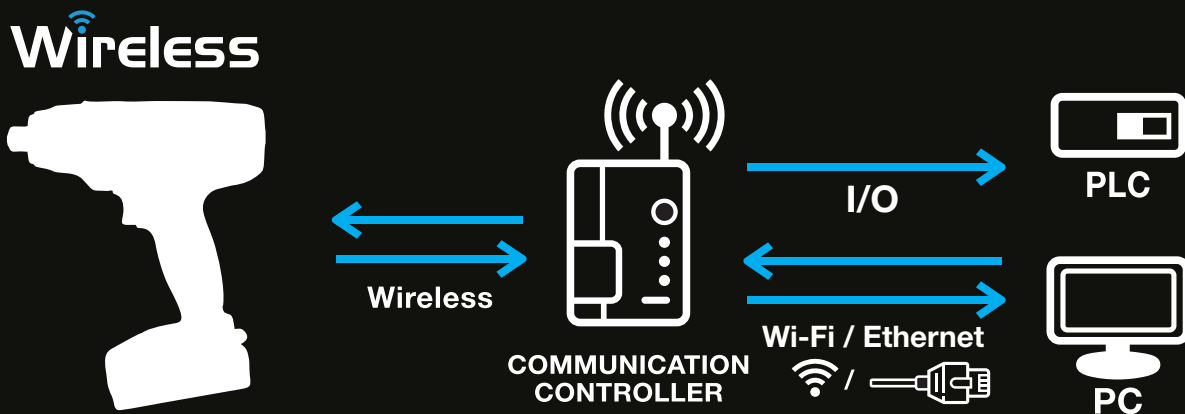


Wireless

PRO-ASSEMBLY WIRELESS DATA COMM

Pro-Assembly Wireless Data Comm. allow plant manager to remotely control and monitor devices through the wireless receiver/communication controller (DR001, DR002, sold separately) connected to the existing PLC system or PC. The tool can store up to 1,000 joint rundowns which can be downloaded wireless in bulk at the end of the day or accessed in real time via the PLC system or PC.

DESIGNED for VERSATILITY



WINDOWS APP SYSTEM GO WIRELESS



Windows App Features:

- Remotely fine tune torque and other settings for more precise applications (Max speed / duty, operation cycle & rotation, turns, screw runtime)
- Record torque settings pattern
- Real-time monitoring of up to 10 tools at job site
- Collect all fastening data in the assembly process

Wireless Receiver Features:

- Wireless connection with Pro-Assembly tool
- Compatible with plant PLC system
- Collect fastening data in assembly process directly to PLC

RV2054-WR - 20V BRUSHLESS TRANSDUCERIZED PRECISION TOOL

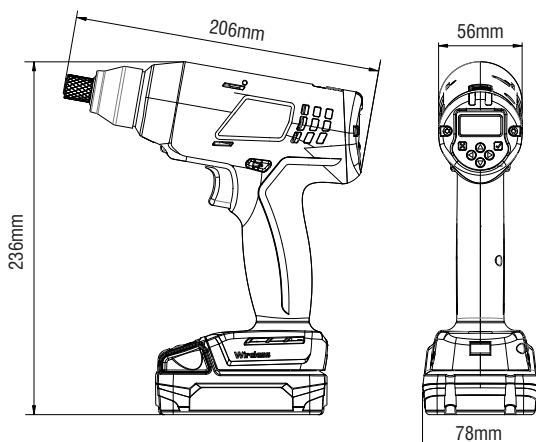
EPS (Electro-Pulse System)

- Reducing average reaction force experienced by the operator **Up to 30%**
- Allowing for one-handed operation in certain situations with less strain placed on the use



RV2054-WR8 / RV2054-WR18

RV2054-3-WR8 / RV2054-3-WR18
RV2054-3-WR24



FEATURES

EPS

**BLDC
MOTOR**

Wireless

- Brushless Motor - Energy saving, higher efficient and longer life-span
- Auto shut-off when torque reaches the set value
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components
- Improved ergonomics, lightweight and reaction force with Li-ion compact battery for fatigue-free working
- Battery indicator

SPECIFICATION

Model No.	RV2054-WR8	RV2054-WR18
Voltage	20V	
Drive	1/4" Hex Shank	
Programmable Speed	50-1,200 rpm	50-800 rpm
Torque Range	1-8 Nm	3-18 Nm
Weight (w/o battery pack)	1.00 kg (2.20 lbs)	

Model No.	RV2054-3-WR8	RV2054-3-WR18	RV2054-3-WR24
Voltage	20V		
Drive	3/8" Square		
Programmable Speed	50-1,200 rpm	50-800 rpm	50-600 rpm
Torque Range	1-8 Nm	3-18 Nm	6-24 Nm
Weight (w/o battery pack)	1.00 kg (2.20 lbs)		

RV2052-WR - 20V BRUSHLESS TRANSDUCERIZED PRECISION TOOL



Wireless

FEATURES

- Brushless Motor - Energy saving, higher efficient and longer life-span
- Auto shut-off when torque reaches the set value
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components
- Improved ergonomics, lightweight and reaction force with Li-ion compact battery for fatigue-free working
- Battery indicator

SPECIFICATION

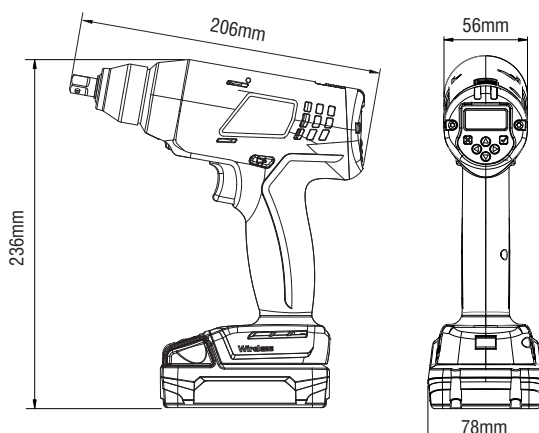
Model No.	RV2052-WR2	RV2052-WR8	RV2052-WR18
Voltage	20V		
Drive	1/4" Hex Shank		
Programmable Speed	50-1,500 rpm	50-1,200 rpm	50-800 rpm
Torque Range	0.2-2 Nm	1-8 Nm	3-18 Nm
Weight (w/o battery pack)	1.00 kg (2.20 lbs)		

Model No.	RV2052-3-WR18
Voltage	20V
Drive	3/8" Square
Programmable Speed	50-800 rpm
Torque Range	3-18 Nm
Weight (w/o battery pack)	1.00 kg (2.20 lbs)



RV2052-WR2 / RV2052-WR8
RV2052-WR18

RV2052-3-WR18



RV2054-A - 20V BRUSHLESS TRANSDUCERIZED PRECISION TOOL



EPS (Electro-Pulse System)

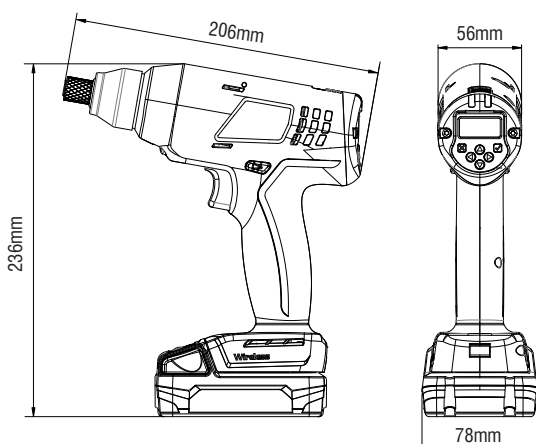
- Reducing average reaction force experienced by the operator **Up to 30%**
- Allowing for one-handed operation in certain situations with less strain placed on the use



RV2054-A8 / RV2054-A18



RV2054-3-A8 / RV2054-3-A18
RV2054-3-A24



FEATURES



- Brushless Motor - Energy saving, higher efficient and longer life-span
- Auto shut-off when torque reaches the set value
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components
- Improved ergonomics, lightweight and reaction force with Li-ion compact battery for fatigue-free working
- Battery indicator

SPECIFICATION

Model No.	RV2054-A8	RV2054-A18
Voltage	20V	
Drive	1/4" Hex Shank	
Programmable Speed	50-1,200 rpm	50-800 rpm
Torque Range	1-8 Nm	3-18 Nm
Weight (w/o battery pack)	1.00 kg (2.20 lbs)	

Model No.	RV2054-3-A8	RV2054-3-A18	RV2054-3-A24
Voltage	20V		
Drive	3/8" Square		
Programmable Speed	50-1,200 rpm	50-800 rpm	50-600 rpm
Torque Range	1-8 Nm	3-18 Nm	6-24 Nm
Weight (w/o battery pack)	1.00 kg (2.20 lbs)		

RV2052-A - 20V BRUSHLESS TRANSDUCERIZED PRECISION TOOL



**RV2052-A2 / RV2052-A8
RV2052-A18**



RV2052-3-A18



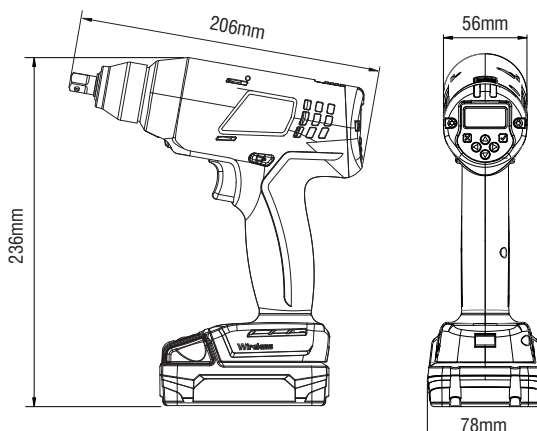
FEATURES

- Brushless Motor - Energy saving, higher efficient and longer life-span
- Auto shut-off when torque reaches the set value
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components
- Improved ergonomics, lightweight and reaction force with Li-ion compact battery for fatigue-free working
- Battery indicator

SPECIFICATION

Model No.	RV2052-A2	RV2052-A8	RV2052-A18
Voltage	20V		
Drive	1/4" Hex Shank		
Programmable Speed	50-1,500 rpm	50-1,200 rpm	50-800 rpm
Torque Range	0.2-2 Nm	1-8 Nm	3-18 Nm
Weight (w/o battery pack)	1.00 kg (2.20 lbs)		

Model No.	RV2052-3-A18
Voltage	20V
Drive	3/8" Square
Programmable Speed	50-800 rpm
Torque Range	3-18 Nm
Weight (w/o battery pack)	1.00 kg (2.20 lbs)



RV2053-WR - 20V BRUSHLESS TRANSDUCERIZED ANGLE PRECISION TOOL



FEATURES

- Brushless Motor - Energy saving, higher efficient and longer life-span
- EPS (Electro-Pulse System) Reducing the torque reaction during tightening
- Real-Time feedback by transducer control
- Collect all Fastening data in process
- LED indicator & Buzzer
- Precision & Accuracy
- Battery indicator

EPS

BLDC
-MOTOR-

Wireless

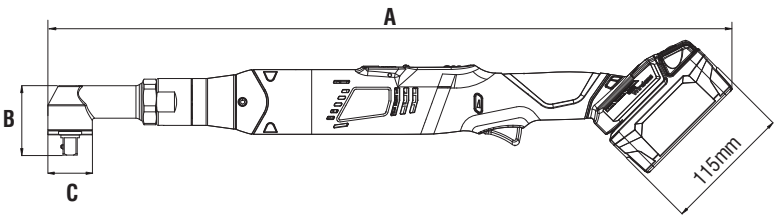
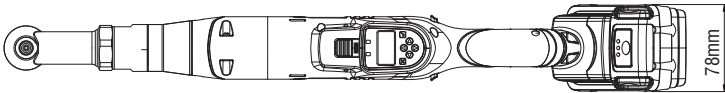


OLED DISPLAY & ONBOARD KEYPAD

Easy for programming tightening parameters

SPECIFICATION

Model Number	RV2053-WR45	RV2053-WR80	RV2053-WR120
Voltage	20V		
Drive	3/8" Square	1/2" Square	
Programmable Speed	20-200 RPM	20-130 RPM	20-100 RPM
Torque Range	8-45 Nm (5.9-33.2 ft-lbs)	12-80 Nm (8.85-59 ft-lbs)	40-120 Nm (29.5-88.5 ft-lbs)
Weight (w/o battery pack)	2,10 kg	2,24 kg	2.24 kg



Model	RV2053-WR45	RV2053-WR80	RV2053-WR120
A	630 mm	609 mm	630 mm
B	62.2 mm	59.8 mm	62.2 mm
C	39.8 mm	42 mm	39.8 mm

RV2053-A - 20V BRUSHLESS TRANSDUCERIZED ANGLE PRECISION TOOL



FEATURES

- Brushless Motor - Energy saving, higher efficient and longer life-span
- EPS (Electro-Pulse System) Reducing the torque reaction during tightening
- Real-Time feedback by transducer control
- Collect all Fastening data in process
- LED indicator & Buzzer
- Precision & Accuracy
- Battery indicator

EPS

BLDC
— MOTOR —

WIFI

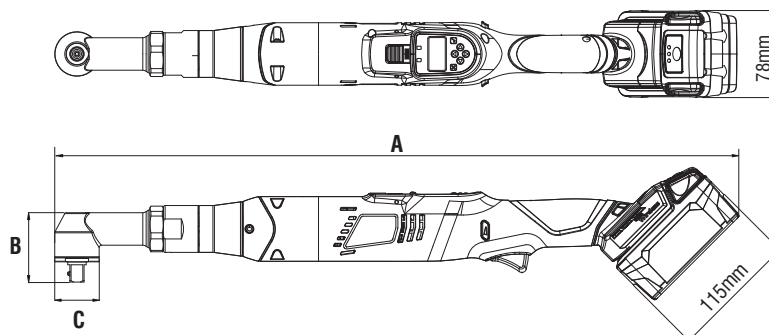


OLED DISPLAY & ONBOARD KEYPAD

Easy for programming tightening parameters

SPECIFICATION

Model Number	RV2053-A45	RV2053-A80	RV2053-A120
Voltage	20V		
Drive	3/8" Square	1/2" Square	
Programmable Speed	20-200 RPM	20-130 RPM	20-100 RPM
Torque Range	8-45 Nm (5.9-33.2 ft-lbs)	12-80 Nm (8.85-59 ft-lbs)	40-120 Nm (29.5-88.5 ft-lbs)
Weight (w/o battery pack)	2,10 kg	2,24 kg	2.24 kg



Model	RV2053-A45	RV2053-A80	RV2053-A120
A	630 mm		
B	62.2 mm		
C	39.8 mm		

RV2070 - 20V BRUSHLESS TORQUE MULTIPLIERS

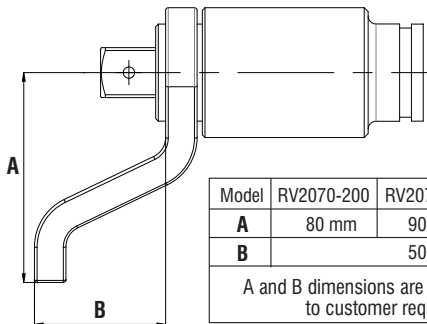


FEATURES

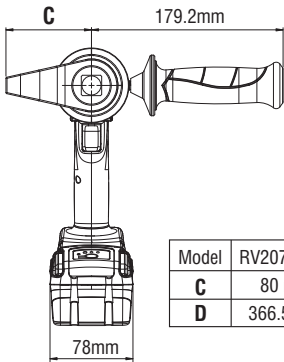
- Integrated gearbox provides premium quality and accuracy
- Multi-function display module with cycle status alert and audible alarm offers instant feedback and easy setup
- 360° adjustable handle, with 6 mm threaded port for eye hooks or other tethering points, provides operator comfort, flexibility and safety options
- Standard or custom reaction arms available
- Optional wireless communication for process control with I/O and data collections.

SPECIFICATION

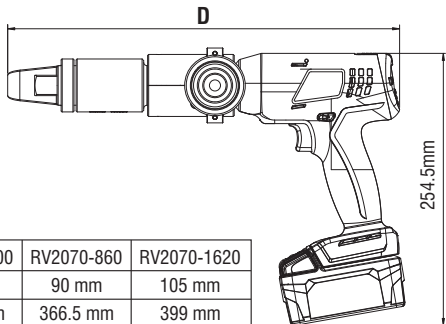
Model Number	RV2070-200	RV2070-860	RV2070-1620
Voltage	20V		
Drive Size	3/4"	3/4"	1"
Torque Range (Nm)	26-208	144-864	270-1,620
Speed (rpm)	46	17	9
Weight (w/o battery pack)	3.15 kg	3.61 kg	5.18 kg



Model	RV2070-200	RV2070-860	RV2070-1620
A	80 mm	90 mm	105 mm
B	50 mm		
A and B dimensions are defined according to customer requirements			



Model	RV2070-200	RV2070-860	RV2070-1620
C	80 mm	90 mm	105 mm
D	366.5 mm	366.5 mm	399 mm





RZ4014 - 40V BRUSHLESS OIL PULSE TOOL



Wireless

FEATURES

- New oil-pulse system boosts heat dissipation and run time.
- Integrated pulse and motor design for faster, quieter, and smoother operation.
- Achieves precise torque with automatic stop.
- Smart press detection to reduce user error.
- Upgraded oil hydraulics lower the risk of leaks and wear.



Tightening Torque Adjustment

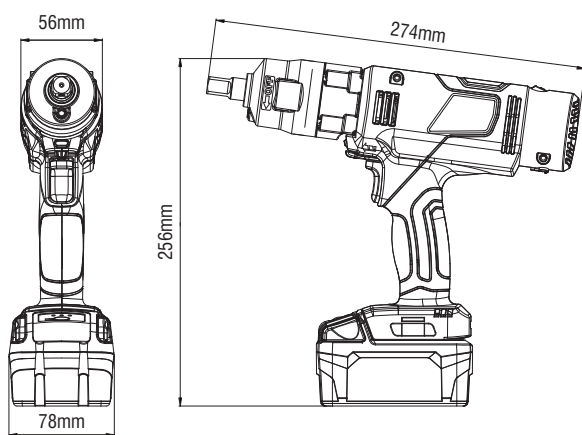


LED Shut-Off Indicator to Confirm OK / NG Joint Status

SPECIFICATION

Model Number	RZ4014-WR90
Voltage	40V
Drive	1/2" Square
Programmable Speed	1,500-6,000 rpm
Torque Range*	55-90 Nm
Weight (w/o battery pack)	1.84 kg

*Max Value at hard joint, under Lab. test environment.



RZ2013 - 20V BRUSHLESS OIL PULSE TOOL



Wireless

FEATURES

- New oil-pulse system boosts heat dissipation and run time.
- Integrated pulse and motor design for faster, quieter, and smoother operation.
- Achieves precise torque with automatic stop.
- Smart press detection to reduce user error.
- Upgraded oil hydraulics lower the risk of leaks and wear.



Tightening Torque Adjustment



LED Shut-Off Indicator to Confirm OK / NG Joint Status

TORQUE RANGE
12-30
Nm

RZ2013-D-WR30

TORQUE RANGE
15-40
Nm

RZ2013-3-WR40

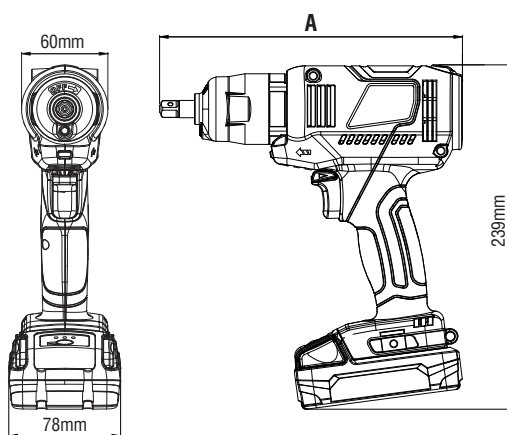
TORQUE RANGE
35-50
Nm

RZ2013-3-WR50

SPECIFICATION

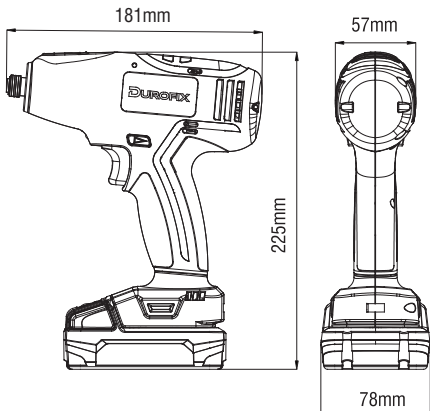
Model Number	RZ2013-D-WR30	RZ2013-3-WR40	RZ2013-3-WR50
Voltage	20V		
Drive	1/4" Hex Shank	3/8" Square	3/8" Square
Programmable Speed	1,500-6,000 rpm		
Torque Range*	12-30 Nm	15-40 Nm	35-50 Nm
Weight (w/o battery pack)	1.25 kg	1.20 kg	1.38 kg

*Max Value at hard joint, under Lab. test environment.



Model	RZ2013-D-WR30	RZ2013-3-WR40	RZ2013-3-WR50
A	190 mm	192 mm	210 mm

RI2046A12 - 20V BRUSHLESS PRECISION TOOL



FEATURES

- Light-weight & ergonomic design makes long periods of use possible
- Mid-mounted handle: Ideal for screw connections of up to 12 Nm
- 3 multi-step programming to achieve desired application in one trigger
- Auto shut-off when torque reaches the set value
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components



LED SHUT-OFF INDICATOR
to Confirm OK
/ NG Joint Status

SPECIFICATION

Model Number	RV2046-A12
Voltage	20V
Drive	1/4" Hex Shank
Programmable Speed	100-1,000 rpm
Torque Range	3-12 Nm
Weight (w/o battery pack)	0.96 kg (2.11 lbs)

RV1250 - 12V BRUSHLESS PRECISION TOOL



FEATURES

- Suitable for small size M3.5-M5 screw tightening in space-limited work station where cables and air hoses restrict tool maneuverability for such assembly processes of following products:
- High mobility by lightweight ergonomic design for easy carrying and operation.
- High precision guarantee: Torque deviation $\pm 3\%$
- Highly flexibility of tightening strategy setting.



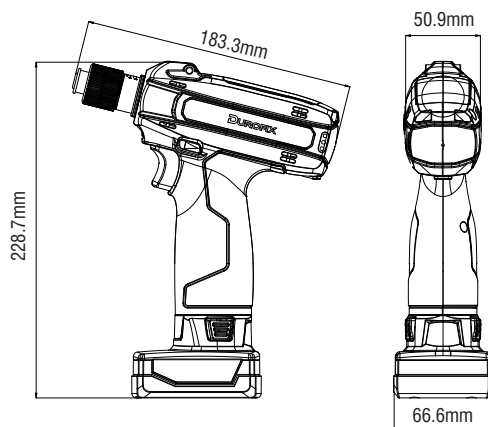
Motorcycles



Small Automotive Interiors

SPECIFICATION

Model No.	RV1250-2	RV1250-4
Voltage	12V	
Drive	1/4" Hex Shank	
Programmable Speed	1,000 rpm	1,000 rpm
Torque Range	0.5-2 Nm	1.0-3.5 Nm
Weight (w/o battery pack)	0.70 kg (1.54 lbs)	



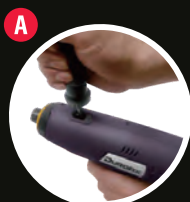
PRECISION TOOL

PRECISE FASTENING FROM THE FIRST SCREW... TO THE LAST

LIGHT-WEIGHT & ERGONOMIC DESIGN

Allows extended use periods and increases mobility

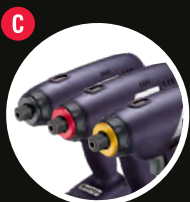
PRECISION SHUT-OFF CLUTCH



Adjustable High
Precision Shut-Off Clutch



LED Indicator & Buzzer to Confirm
Shut-Off OK / NG Joint Status.



Color Rings for Quick
Identification of Torque Range



RV2048 - 20V BRUSHLESS PRECISION TOOL



RV2048-WR6



RV2048-WR12



RV2048-WR2



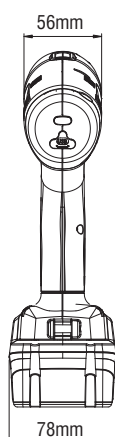
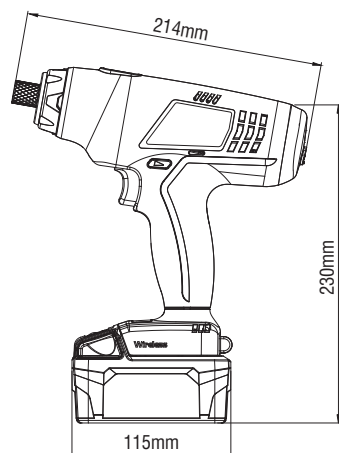
Wireless

FEATURES

- Brushless Motor - Energy saving, higher efficient and longer life-span
- Auto shut-off when torque reaches the set value • Battery indicator
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components
- Improved ergonomics, lightweight and reaction force with Li-ion compact battery for fatigue-free working

SPECIFICATION

Model Number	RV2048-WR12	RV2048-WR6	RV2048-WR2
Voltage	20 V		
Drive	1/4" Hex Shank		
Torque Range	3-12 Nm (2.2-8.9 ft-lbs)	1-6 Nm (0.7-4.4 ft-lbs)	0.5-2 Nm (0.37-1.5 ft-lbs)
Programmable Speed	700-1,000 rpm	700-1,000 rpm	700-1,000 rpm
Weight (w/o battery pack)	1.05 kg (2.31 lbs)		



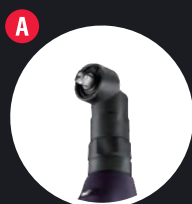
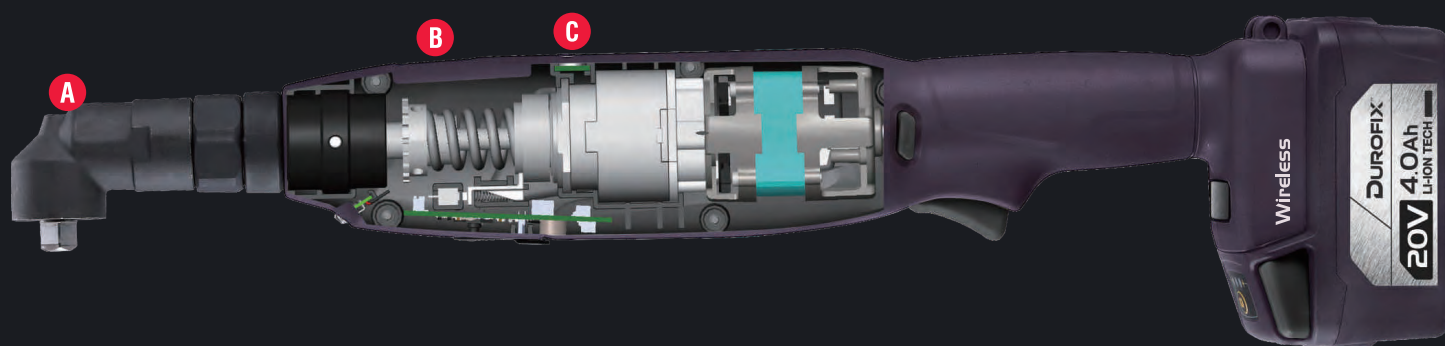
ANGLE PRECISION TOOL

POWERFUL FASTENING SOLUTION IN NARROW SPACES

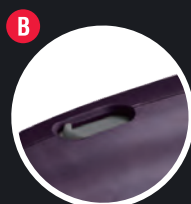
CONSTANT & PRECISE TIGHTENING TORQUE

The torque can be precisely set over large range
and retrieved with repeat accuracy

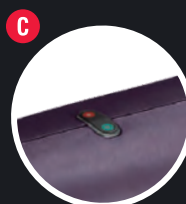
PRECISION SHUT-OFF CLUTCH



All Metal Angle Head



Adjustable High
Precision Shut-Off Clutch



LED Indicator & Buzzer to Confirm Shut-Off
OK / NG Joint Status.

RV2047 - 20V BRUSHLESS ANGLE PRECISION TOOL



Wireless

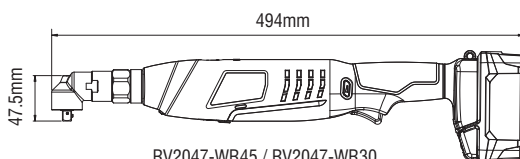
FEATURES

- Brushless Motor - Energy saving, higher efficient and longer life-span
- Auto shut-off when torque reaches the set value • Battery indicator
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components
- Improved ergonomics, lightweight and reaction force with Li-ion compact battery for fatigue-free working

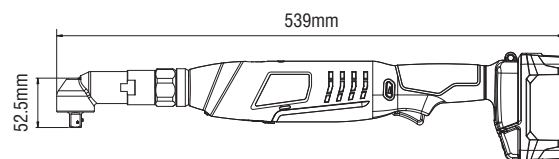
SPECIFICATION

Model Number	RV2047-3-WR12	RV2047-D-WR12	RV2047-2-WR12
Voltage	20V		
Drive	3/8" Square	1/4" Hex Shank	1/4" Square
Torque Range (Nm)	3-12 Nm (2.2-8.8 ft-lbs)	3-12 Nm (2.2-8.8 ft-lbs)	3-12 Nm (2.2-8.8 ft-lbs)
Programmable Speed	840-1200 RPM	840-1200 RPM	840-1200 RPM
Weight (w/o battery pack)	1.60 kg (3.52 lbs)	1.60 kg (3.52 lbs)	1.60 kg (3.52 lbs)

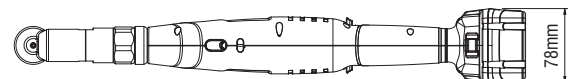
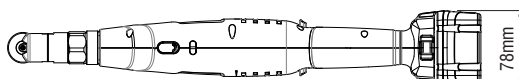
Model Number	RV2047-WR30	RV2047-WR45	RV2047-WR70	RV2047-WR90
Voltage	20V			
Drive	3/8" Square	3/8" Square	1/2" Square	1/2" Square
Torque Range (Nm)	8-30 Nm (5.9-22.13 ft-lbs)	18-45 Nm (13.3-33.2 ft-lbs)	20-70 Nm (14.75-51.63 ft-lbs)	40-90 Nm (29.5-66.4 ft-lbs)
Programmable Speed	210-300 RPM	210-300 RPM	160 RPM	100 RPM
Weight (w/o battery pack)	1.70 kg (3.74 lbs)	1.70 kg (3.74 lbs)	2.10 kg (4.62lbs)	2.10 kg (4.62lbs)



RV2047-WR45 / RV2047-WR30
RV2047-3-WR12 / RV2047-D-WR12 / RV2047-2-WR12



RV2047-WR70 / RV2047-WR90



RV2017 / RV2027 - 20V TUBE NUT WRENCH



FEATURES

- Brushless Motor - Energy saving, higher efficient and longer life-span
- Auto shut-off when torque reaches the set value
- Low maintenance costs due to long service life
- Reduces life-cycle costs due to wear-free components
- Improved ergonomics, lightweight and reaction force with Li-ion compact battery for fatigue-free working
- Battery indicator



Wireless



RV2017
Standard Type



RV2017-WR12



RV2017-WR20



RV2017-WR27



RV2027
Insert Type



RV2027-WR12



RV2027-WR20



RV2027-WR27

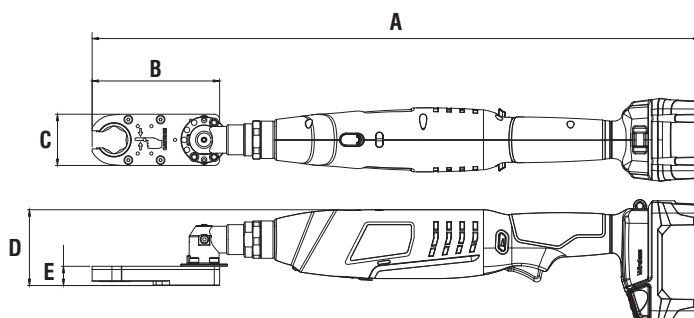
RV2017 / RV2027 - 20V TUBE NUT WRENCH



SPECIFICATION

Standard Type	Hex Size (mm)	Torque Range	RPM	Weight
RV2017-WR12 series	7,8,9,10,11,12,13,14,15,16	3-12 Nm	525-750	2.65 kg
RV2017-WR20 series	17,18,19,20,21,22,23, 11/16"	6-20 Nm	350-500	2.79 kg
RV2017-WR27 series	24,26,27,29,30,32	8-27 Nm	262-375	3.02 kg

Insert Type	Hex Size (mm)	Torque Range	RPM	Weight
RV2027-WR12 series	7,8,9,10,11	3-12 Nm	525-750	2.65 kg
RV2027-WR20 series	12,13,14,15,16	6-20 Nm	350-500	2.79 kg
RV2027-WR27 series	17,18,19,20,21,22	8-27 Nm	262-375	3.02 kg



Model	RV2017-WR20	RV2027-WR20
A	569 mm	569 mm
B	119 mm	119 mm
C	48 mm	48 mm
D	71 mm	71 mm
E	18 mm	18 mm

*Please contact us for more detailed dimensions.

RI20130 - 20V BRUSHLESS MECHANICAL PULSE TOOL



FEATURES

- 280 auto shut-off selection.
- 40 stages torque setting: 80-400 Nm
- 7 flush levels for variable joints
- Advance program capable
- Soft start-keep smooth operation from the very beginning
- Re-tightening prevention-avoid double hits after setting torque reached

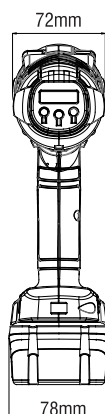
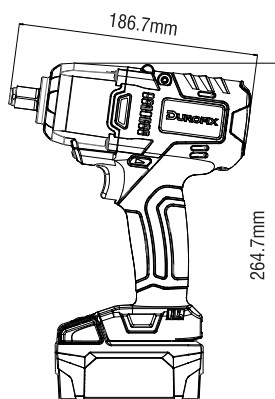


CONCISE USER INTERFACE

- LED indicator & buzzer
- LED display

SPECIFICATION

Model Number	RI20130
Voltage	20 Vdc
Drive	1/2" Square
Torque setting range	80-400 Nm (60-295 ft-lbs)
Fastener Size	M12-M20
No Load Speed	0-2,500 RPM
Impacts per Minute	0-3,200 IPM
Weight (w/o battery pack)	1.54 kg (3.38 lbs)



RI20200-A - 20V BRUSHLESS IMPACT TOOL



FEATURES

- The AC / TM mode: tailored to meet the sophisticated demands of soft-joint station in modern assembly line.
- Only 1.46kg in weight for bare tool ! A sleek, lightweight design for enhanced durability and extended operational use.
- Wireless communication / data traceability built for industry 4.0

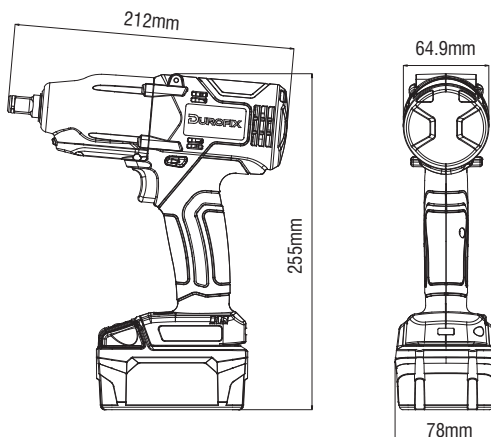


CONCISE USER INTERFACE

- LED display
- LED indicator & buzzer

SPECIFICATION

Model Number	RI20200
Voltage	20 Vdc
Drive	1/2" Square
Max. Torque	230 Nm (170 ft-lbs)
Torque setting range	70-230 Nm
No Load Speed	0-2,000 RPM
Impacts per Minute	0-2,400IPM
Weight (w/battery pack)	1.46 kg (3.21 lbs)



RI2036 - 20V BRUSHLESS ETC JUMBO IMPACT WRENCH

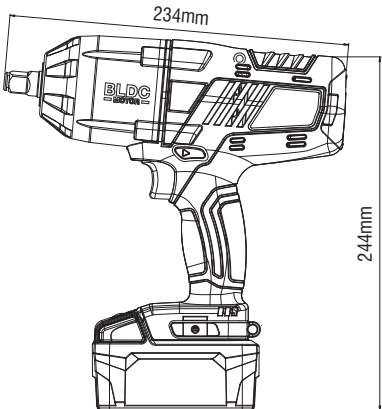
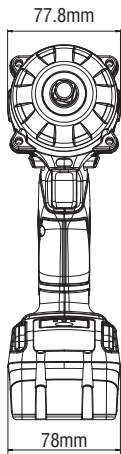


1-6 SETTING
AUTO SHUT-OFF
RI2036A1

1-7 SETTING
AUTO SHUT-OFF
RI2036A2

1-28 SETTING
AUTO SHUT-OFF
RI2036A3

1-38 SETTING
AUTO SHUT-OFF
RI2036A4



FEATURES

- Patented Electronic Torque Clutch (ETC).
- Loosen tire lug nuts with 1,100 Nm reverse torque to conquer greasiness, rust, dirt & over-torque by air impact tools.
- Durable metal gearbox housing
- Battery indicator
- Built-in LED light

SPECIFICATION

Model Number	RI2036A1	RI2036A2	RI2036A3	RI2036A4
Voltage	20 Vdc			
Drive	1/2" Square			
Max. Reverse Torque	1,100 Nm (810 ft-lbs)			1,350 Nm (1,000 ft-lbs)
Max. Tightening Torque	800 Nm (590 ft-lbs) Non Shut-Off			1,000 Nm (740 ft-lbs) Non-shutoff
Torque Setting Range	80-480 Nm (60-355 ft-lbs) Auto Shut-Off	100-700 Nm (73-515 ft-lbs) Auto Shut-Off	60-600 Nm (44-443 ft-lbs) Auto Shut-Off	60-800 Nm (44-592 ft-lbs) Auto-shutoff
No Load Speed	0-2,200 RPM			0-1,750 RPM
Impacts per Minute	0-2,000 IPM			0-2,000 IPM
Weight (w/o battery pack)	2.60 kg (5.72 lbs)			



RI20126 - 20V BRUSHLESS ETC IMPACT WRENCH



FEATURES

- 1/2" Square drive, 50-stage Pre-set Torque
- Electronic Torque Control & Auto shut-off
- LED & Buzzer indicator confirms joint status for OK (green) or NG (red)
- Display showing torque stage & error message
- Max. 375 Nm reverse torque
- P20 battery platform with LED battery level indicator



RI20126
RI20126R



RI20126A1
RI20126R1



LED INDICATOR & BUZZER

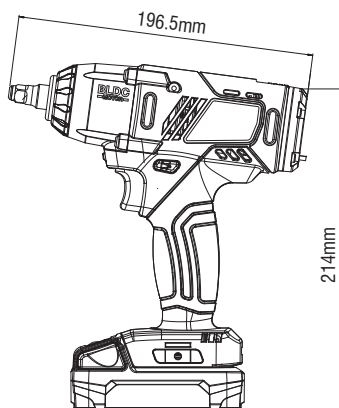
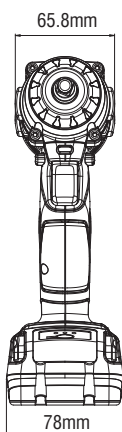
Confirm Shut-Off OK / NG Joint Status.

LCD DISPLAY

Indicates torque stage & error message.

SPECIFICATION

Model Number	RI20126	RI20126R	RI20126A1	RI20126R1
Voltage	20 Vdc			
Drive	1/2" Square			
Max. Reverse Torque	375 Nm			
Max. Torque	250 Nm			
Torque Setting Range	30-180 Nm	30-180 Nm	10-100 Nm	10-100 Nm
Auto Shut-Off Stage	50 stage	50 stage	50 stage	50 stage
	Fwd.	Fwd. / Rev.	Fwd.	Fwd. / Rev.
Application	M10-M16	M10-M16	M8-M10	M8-M10
No Load Speed	0-2,600 RPM			
Impacts per Minute	0-3,000 IPM			
Weight (w/o battery pack)	1.25 kg (2.75 lbs)			



RI20125 - 20V BRUSHLESS ETC IMPACT DRIVER



Torque
Setting Range
20-100
Nm

FEATURES

BLDC
-MOTOR-

- 1/4" Hex Shank, 50-stage Pre-set Torque
- Electronic Torque Control & Auto shut-off
- LED & Buzzer indicator confirms joint status for OK (green) or NG (red)
- Display showing torque stage & error message
- 130 Nm Max. torque
- P20 battery platform with LED battery level indicator



LED INDICATOR & BUZZER

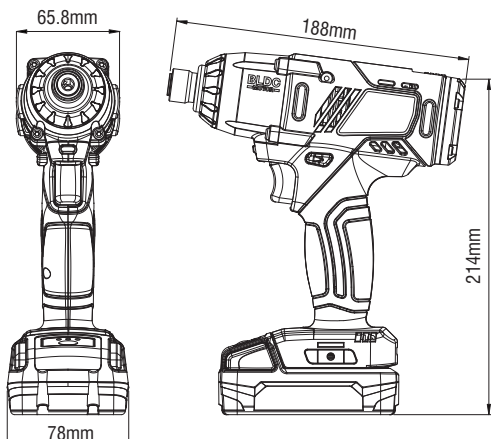
Confirm Shut-Off OK / NG Joint Status.

LCD DISPLAY

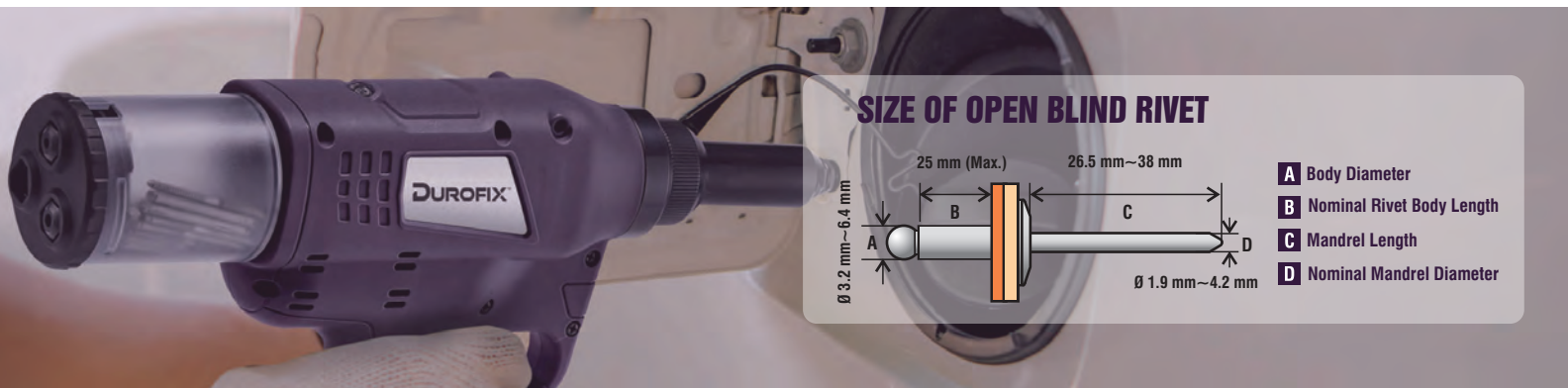
Indicates torque stage & error message.

SPECIFICATION

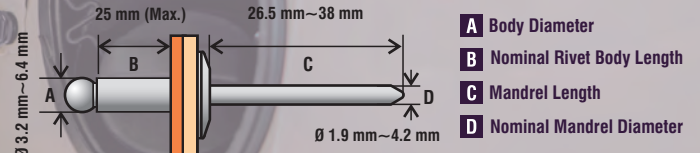
Model Number	RI20125
Voltage	20 Vdc
Drive	1/4" Hex Shank
Max. Torque	130 Nm (96 ft-lbs)
Torque setting range	20-100 Nm (14.8-73.8 ft-lbs)
No Load Speed	0-2,600 RPM
Impacts per Minute	0-3,000 IPM
Weight (w/o battery pack)	1.25 kg (2.75 lbs)



RV20108 - 20V BRUSHLESS RIVETING TOOL



SIZE OF OPEN BLIND RIVET



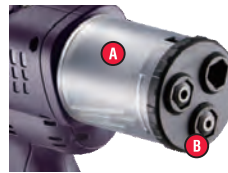
Max. Setting Force
4500
 lbf

FEATURES



- Good for up to 1/4" (6.4 mm) stainless steel rivets
- One-touch trigger & auto-reverse function
- Integrated mandrel collection container (patented)
- Holding mechanism for rivet
- Battery indicator

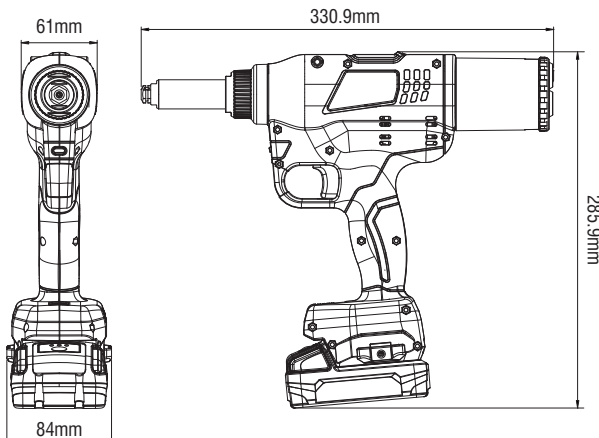
INTEGRATED MANDREL COLLECTION CONTAINER (PATENTED)



- A** Collecting up to 600 rivet mandrels
- B** Patented container integrated with holding and changing nozzle

SPECIFICATION

Model Number	RV20108
Voltage	20 Vdc
Blind Rivet Size	3.2 / 4.0 / 4.8 / 6.4 mm
Max. Setting Force	4,500 lbf (20,000 N)
Stroke	25 mm
Tool Weight	2.30 kg (5.06 lbs)





DIGITAL TORQUE & ANGLE CONTROL SCREWDRIVER



FEATURES

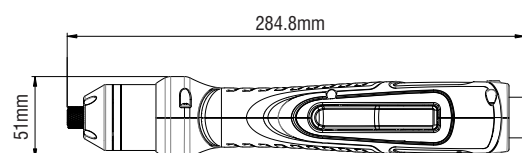
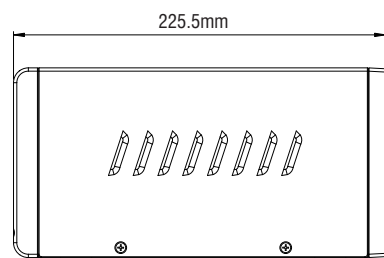
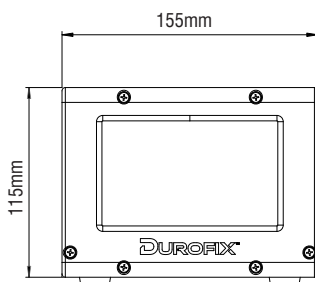
- 5" LCD touch screen
- RS232C and Wi-Fi 6 Connection to PC & PLC (Modbus)
- 8,000 memory and available slot for memory expansion
- Transducerized tool for 10% accuracy & 3% repeatability
- Real time graphing for fastening analysis
- 15 presets & 15 jobs setting
- TC/AM or AC/TM mode for torque and angle control
- ESD safe tool prevents electrostatic discharge
- Statistic data analysis on PC software



DR102



MV4082-7 / MV4082-2



DIGITAL TORQUE & ANGLE CONTROL SCREWDRIVER



SPECIFICATION



Model Number	MV4082-7	MV4082-2
Input Voltage	DC40V	
Torque Range	1-7 Nm / 10-71 kgf-cm / 8.9-62 in-lbs	0.3-2 Nm / 3.06-20.39 kgf-cm / 2.66-17.70 in-lbs
Programmable Speed	50-670 rpm	25-1,800 rpm
Weight	0.77 kg (1.69 lbs)	



Wireless

Model Number	DR102	Output Current (max.)	15 A
Input Voltage	AC 100V~240V	Output Power (max.)	600 W
Input Frequency	50-60 Hz	Weight	3.30 kg
Output Voltage	DC 40V		

COMMUNICATION PORT

- RS232 (Scanner gun)
- 16P I/O (PLC)
- USB (Download / Read data, update software)
- Ethernet



RV1251 - 12V BRUSHLESS PRECISION TOOL



FEATURES



- Suitable for small size M3.5-M5 screw tightening in space-limited work station where cables and air hoses restrict tool maneuverability for such assembly processes of following products:
- High mobility by lightweight ergonomic design for easy carrying and operation.
- High precision guarantee: Torque deviation $\pm 3\%$
- Highly flexibility of tightening strategy setting.



General White Goods

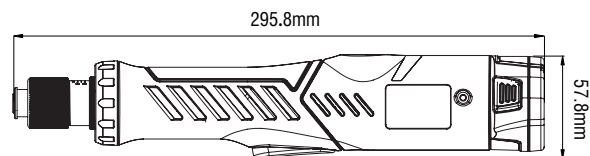


Electronic Equipment



SPECIFICATION

Model No.	RV1251-2	RV1251-4
Voltage	12V	
Drive	1/4" Hex Shank	
Programmable Speed	900 rpm	900 rpm
Torque Range	0.5-2 Nm	1.0-3.5 Nm
Weight (w/o battery pack)	0.70 kg (1.54 lbs)	



12V BATTERY PACKS



2.0 Ah B1225LA

2.5 Ah B1225LB



4.0 Ah B1225LA-2

5.0 Ah B1225LB-2

12V CHARGERS *xx: Country or Region



DC12XX07-C15

*



DC12XX07-40

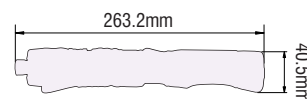
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RV450 - 4V BRUSHLESS FOLDABLE SCREWDRIVER



SPECIFICATION

Model Number	RV450	Max. Torque	6.8 Nm (60 in-lbs)
Voltage	4 Vdc	No Load Speed	250 / 870 RPM
Drive	1/4" Hex Shank	Tool Weight	0.44 kg (0.97 lbs)



20V BATTERY PACKS



B2036LB-2



B2036LA-2



B2036LB



B2036LA

PROTECTOR FOR BATTERY PACKS



DP014
Applicable Battery:
B2036LB / B2036LA



DP015
Applicable Battery:
B2036LB-2 / B2036LA-2

20V UNIVERSAL CHARGERS

DC20UN26-C60



Weight: 570g

- Active Voltage Control
- Battery Thermal Protection System
- Fast Charging Time

DC20US28-C30



Weight: 490g

I/O RECEIVER



DR002
1 to 10 Communication
Compatible with PC & PLC



DR001
1 to 1 Communication
Compatible with PC & PLC



บริษัท นานตีอินเตอร์เทรด จำกัด
NANDEE INTER-TRADE CO., LTD.

314,316,318,320,322 ซอยจันทน์ 32 ถนนจันทน์ แขวงทุ่งวัดดอน เขตสาทร กทม. 10120

- ☎ : 0-2675-8239
- LINE : @nandeeintertrade
- f : nandeeintertrade
- 🌐 : www.nandee.co.th
- ✉ : marketing@nandee.co.th
sales@nandee.co.th