

# Panasonic

Factory Use

Best Lineup for Factory Tool

Li-ion  
10.8V

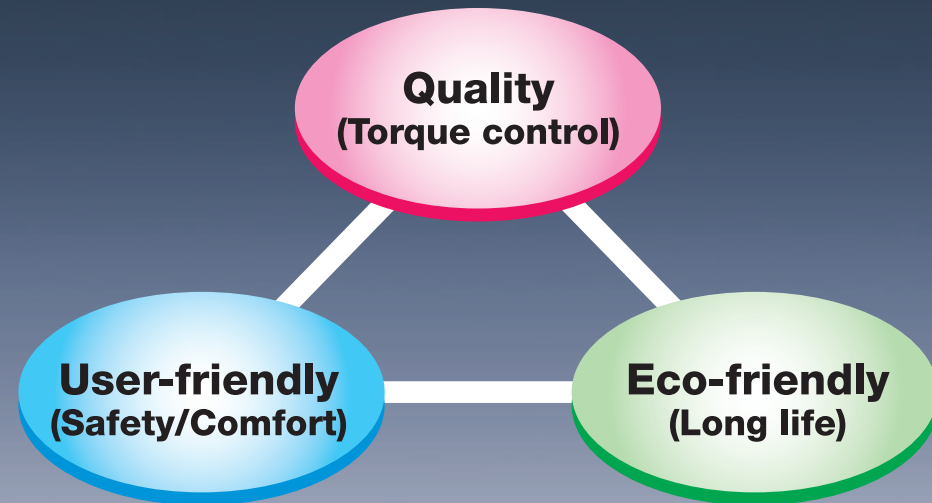
Li-ion  
14.4V

Li-ion  
14.4V



# Panasonic presents innovative cordless tools in your assembly line

3 key concepts of Panasonic assembly tools



## Extensive Torque Control Tools line-up

Panasonic offers advanced cordless tools which can cover up-to 100N·m torque control applications.

Impact (With Shut-off function)



Shut-Off impact driver/wrench with Panasonic's original torque control algorithm.

Screwdriver (With Clutch)



High accuracy screwdriver  $\pm 10\%$ ,  $Cmk \geq 1.67^*$  (ISO5393)

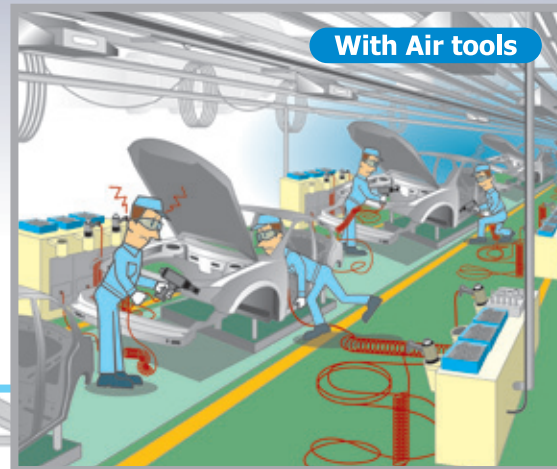
\*In  $\geq 3N\cdot m$  range. Measured with the maximum RPM setting

~M4 (~2N·m)	~M6 (~10N·m)	M8 (~30N·m)	M10 (~50N·m)	M12 (~100N·m)
Impact (With Shut-off function)				
	 EYFLA4 (10.8V)	 EYFLA5 (10.8V)	 EYFLA6 (10.8V)	 EYFMA1 (14.4V)
Screwdriver (With Clutch)				
 EY7410 (3.6V)	 EYFGA1N (14.4V)	 EYFGA2N (14.4V)	 EYFGA3N (14.4V)	

## Benefit of Cordless

There are huge benefits from using cordless tools, such as

- Greater flexibility in the design and layout of assembly area.
- Reduce product mutilations by eliminating air hoses.
- Increase safety by eliminating air hoses from the floor and overhead.
- Increase comfort by not having to be tethered to an air hose.



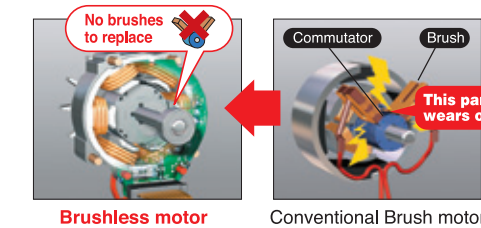
## Long life technologies

Durable parts and technology deliver longer life

### Brushless Motor

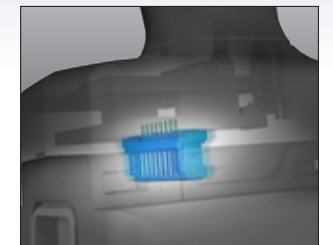
Panasonic applies long-life brushless motor. The motor doesn't have brushes and commutator which wear out as the tool is used.

Motor – about **Twice** the life<sup>1</sup>



### Floating Connector

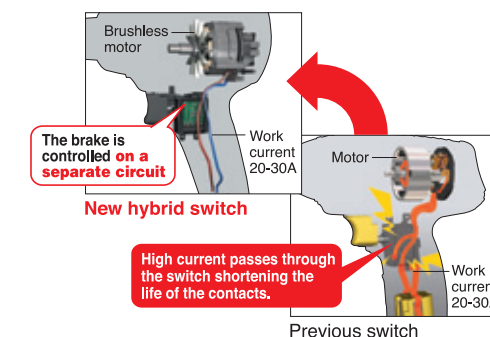
A floating battery connector is used to absorb vibrations from continuous use. This increases the life of the connector.



### Hybrid Switch

The hybrid switch has an independent circuit and high electric current doesn't run through the switch. This can prevent the switch from sparking, increasing the life of the switch.

Switch – about **Twice** the life<sup>1</sup>



### Lithium-ion Battery

Panasonic's Lithium-ion battery technology offers high capacity and longer life compared to Ni-MH batteries.<sup>2</sup> Additionally, Lithium-ion batteries have no memory effect and may be charged at anytime.

Li-ion Battery 10.8V 3.0Ah

170%

100%

Longer Life

Ni-MH Battery 9.6V 1.9Ah

<sup>1</sup> Compared with Panasonic's brush motor and non-hybrid switch.

<sup>2</sup> The comparison chart is against Panasonic's EYF581 with EY9188 battery pack. The performance may be slightly different depending on conditions.

# Advanced Cordless Shut Off Tool Delivers Accuracy and Durability.

Expanded range of line-ups with new 14.4V shut-off tool!!



Shut Off Tool delivers torque accuracy

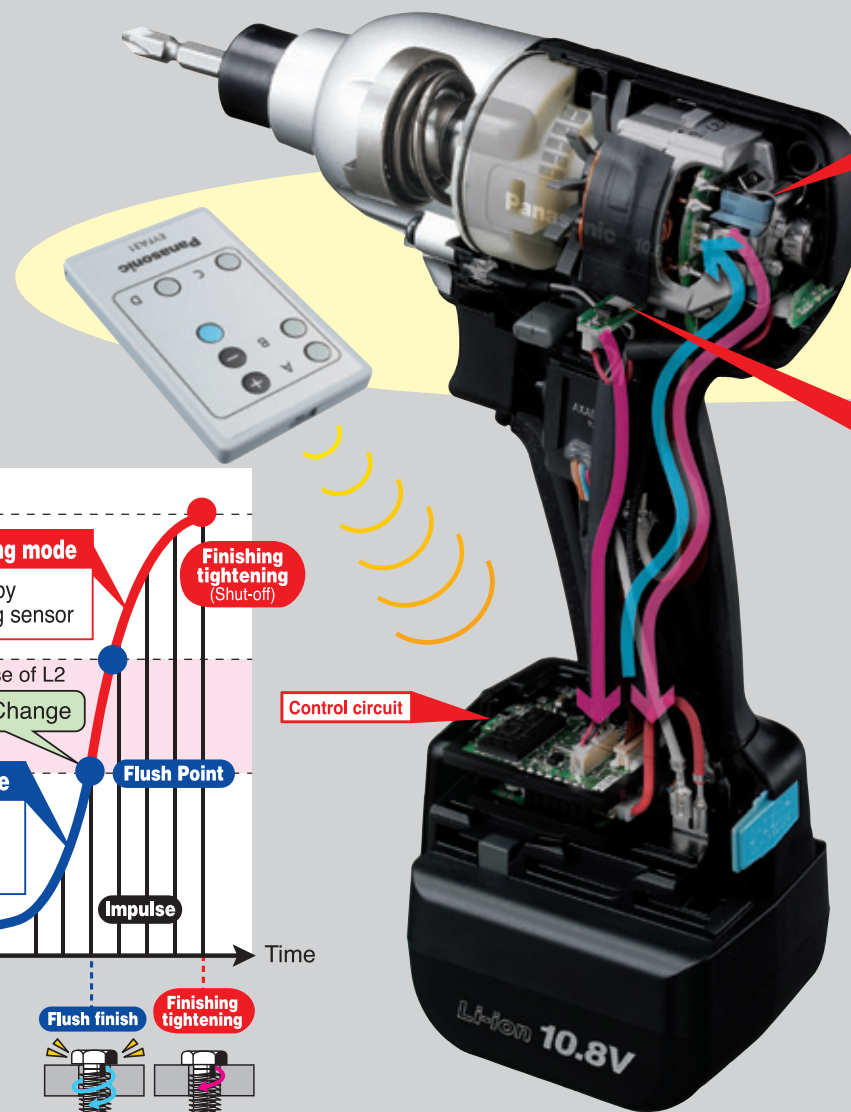
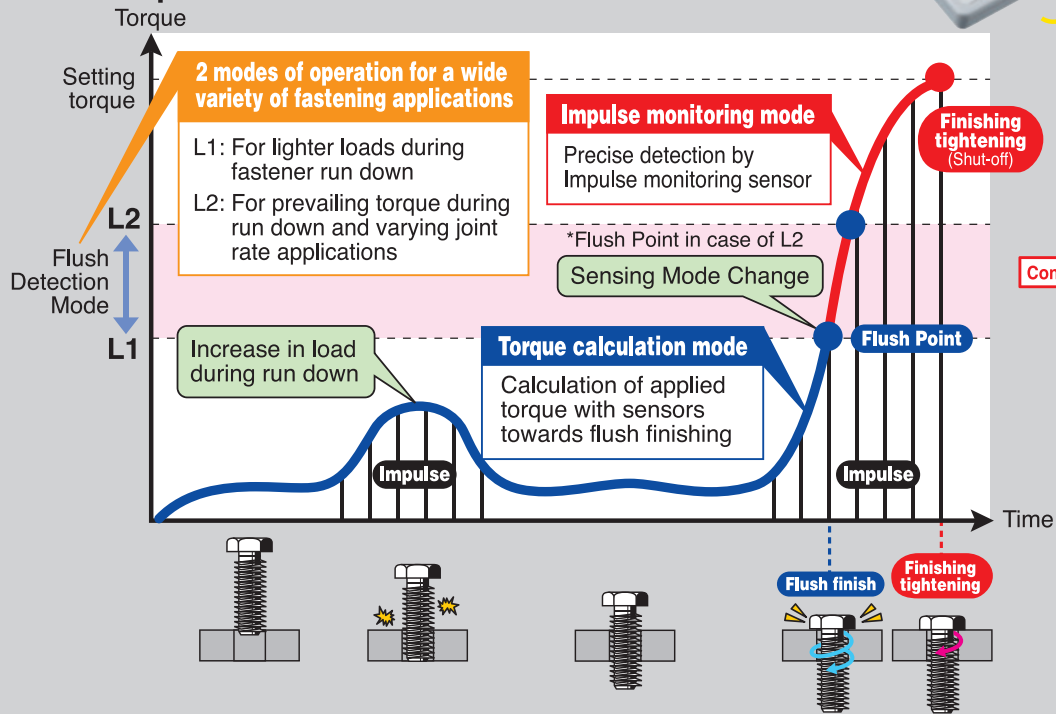
## Fastening torque is not affected by load change during fastening

### Torque Control Mechanism

- Two kinds of sensors (rotor angle sensor and impulse monitoring sensor) detect the change of motor speed and rpm between impulse. The control circuit with a Panasonic original algorithm calculates applied torque to deliver a flush finish.
- When applied torque reaches the pre-set torque selection, the control method shifts to the Impulse monitoring mode and automatically stops after completing tightening.\*

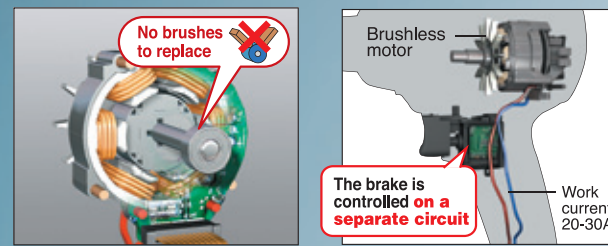
\* Tightening torque precision varies with operating conditions. Always check the tightening torque during actual operation before using the driver.

### <Concept>



## Long life parts provide lower running costs

### Improved durability of motor and switch



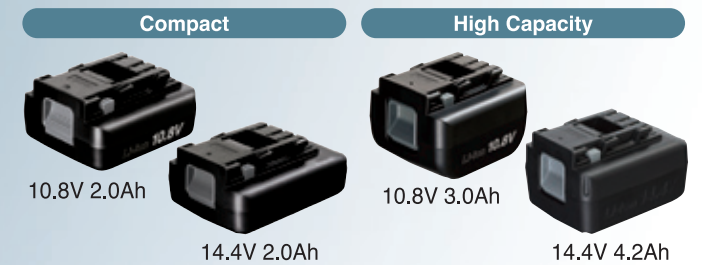
Lifetime total performance improves drastically with Brushless-motor and Hybrid switch

### Needle Bearings



Needle Bearings on the output shaft reduce the vibration and realize longer life

## Have choice of Compact 2.0Ah or High Capacity 3.0/4.2Ah



### Additional charging is acceptable

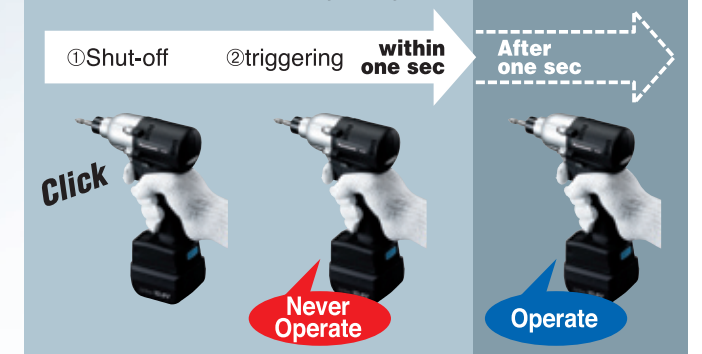
Since there is no memory effect, the battery never deteriorates if you charge it additionally during a break.

## Retightening Prevention Function

### Maintaining good quality

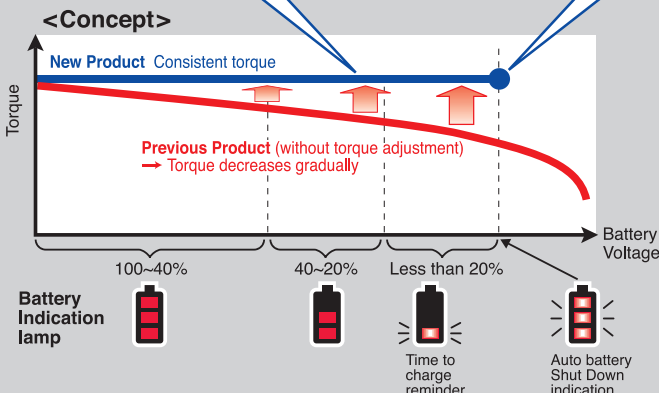
This function prevents the tool from operating within a selected time period after it automatically stops from the torque control function. The switch will not operate even if engaged during this time period.

- In case the time to prevent retightening prevention is set to one sec.



## Maintains selected torque level even if battery power is running low

- Torque Adjustment**  
Speed of impulse is always monitored. If it falls below the selected value due to lack of battery power, the necessary torque is added by calculating the loss of impulse.
- Auto battery Shut Down**  
Before the battery power becomes too low to adjust the torque, the power supply stops automatically until a charged battery pack is attached.



## More features



A well balanced lightweight design means workers will experience less muscle fatigue during continuous use.



Remote control  
Tool setting can be set only by remote control.



LED light  
For operations in dimly lit place



Color Plate for differentiation  
Each tool model is color coded for easy identification.

# Li-ion 10.8V/14.4V Series with Torque Control

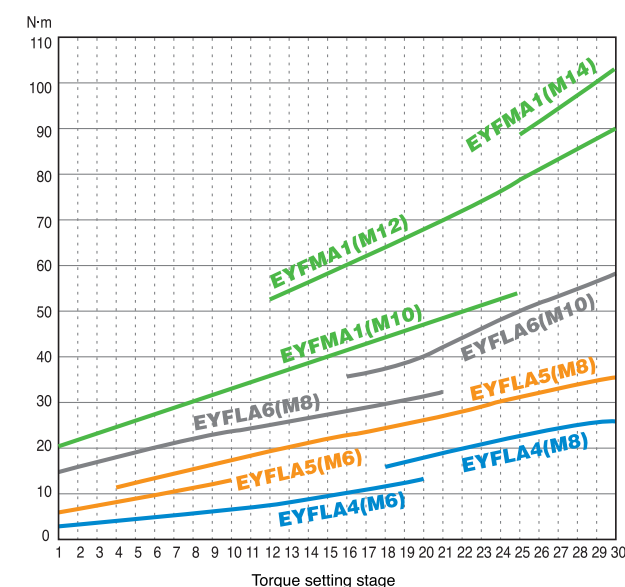
Cordless Impact Driver			Cordless Impact Wrench		
EYFLA4A		EYFLA5A		EYFLA5Q	
<b>10.8V</b>	Brushless Motor	<b>10.8V</b>	Brushless Motor	<b>10.8V</b>	Brushless Motor
3.0Ah 2.0Ah		3.0Ah 2.0Ah		3.0Ah 2.0Ah	
*Battery pack is not included		*Battery pack is not included		*Battery pack is not included	

Cordless Impact Wrench	
EYFLA6J	EYFMA1J
<b>10.8V</b>	<b>14.4V</b>
Brushless Motor	Brushless Motor
3.0Ah 2.0Ah	4.2Ah 2.0Ah
*Battery pack is not included	

Chuck Size		Single-ended 9mm Double-ended 12mm		□ 9.5mm Square Drive Pin-hole type		□ 12.7mm Square Drive Pin-hole type		□ 12.7mm Square Drive Pin-hole type			
Application		Screw M5•M6 (Normal—Tensile bolt) M8 bolt (Normal bolt)		M6 bolt (Tensile bolt) M8 bolt (Normal bolt)		M6 bolt (Tensile bolt) M8 bolt (Normal bolt)		M8 bolt (Tensile bolt) M10 bolt (Normal bolt)		M10 bolt (Tensile bolt) M12 bolt (Normal-Tensile bolt) M14 bolt (Normal bolt)	
Maximum torque (F mode, fastening 3 sec.)		approx. 40 N•m (M10 bolt)		approx. 90 N•m (M14 bolt)		approx. 90 N•m (M14 bolt)		approx. 120 N•m (M14 bolt)		approx. 185 N•m (M16 bolt)	
Torque control function operating range		approx. 3—22 N•m		approx. 6—30 N•m		approx. 6—30 N•m		approx. 16—53 N•m		approx. 25—100 N•m	
Torque Setting		30 stage + F (without torque setting mode)									
Flush Detection Mode Applications		L1: For lighter loads during fastener run down L2: For prevailing torque during run down and varying joint rate applications									
No load speed (unit : rpm)		stage1: 0 ~ 950 stage2: 0 ~ 1300 stage3: 0 ~ 1450 stage4 ~ 8 : 0 ~ 1550 stage9 ~ 30•F: 0 ~ 2300		stage1: 0 ~ 1300 stage2: 0 ~ 1450 stage3: 0 ~ 1550 stage4 ~ 30•F: 0 ~ 2300		stage1: 0 ~ 1300 stage2: 0 ~ 1450 stage3: 0 ~ 1550 stage4 ~ 30•F: 0 ~ 2300		0 ~ 2300		0 ~ 2300	
Impact per minute		stage1: 0 ~ 1900 stage2: 0 ~ 2500 stage3: 0 ~ 2800 stage4 ~ 8 : 0 ~ 3000 stage9 ~ 30•F: 0 ~ 4000		stage1: 0 ~ 2500 stage2: 0 ~ 2800 stage3: 0 ~ 3000 stage4 ~ 30•F: 0 ~ 3600		stage1: 0 ~ 2500 stage2: 0 ~ 2800 stage3: 0 ~ 3000 stage4 ~ 30•F: 0 ~ 3600		0 ~ 3000		0 ~ 3200	
Weight** (inc. battery)	EYFB30B	approx. 1.3kg		approx. 1.3kg		approx. 1.4kg		—		—	
	EYFB32B	approx. 1.15kg		approx. 1.15kg		approx. 1.25kg		—		—	
	EYFB42B	—		—		—		approx. 1.5kg		—	
	EYFB41B	—		—		—		approx. 1.3kg		—	
Size	Length	158mm		164mm		172mm		172mm		172mm	
	Height	248mm (EYFB30B), 231mm (EYFB32B)		248mm (EYFB30B), 231mm (EYFB32B)		248mm (EYFB30B), 231mm (EYFB32B)		248mm (EYFB42B), 231mm (EYFB41B)		248mm (EYFB42B), 231mm (EYFB41B)	
	Width	approx. 59mm (Width of battery pack: approx. 75mm)									
Function	LED Light	● (ON/OFF switch, Light off after five minutes automatically)									
	Tightening confirmation lamp	● (OK fastening: Green lamp, NOK fastening: Red lamp)									
	Retightening Prevention Function	● (Possible to set between 0 ~ 3sec.. 0.1 sec. per stage)									
	Battery indication lamp	● (3 stage)									
	Auto-Power Stop function	●									
Application Capacity/ Working Speed		approx. 1200 pcs/pack approx. 0.7 sec/1pcs (EYFB30B) approx. 800 pcs/pack approx. 0.7 sec/1pcs (EYFB32B) <M6: 10 N•m, Stage: 19>		approx. 800 pcs/pack approx. 0.8 sec/1pcs (EYFB30B) approx. 540 pcs/pack approx. 0.8 sec/1pcs (EYFB32B) <M8: 23 N•m, Stage: 22>		approx. 800 pcs/pack approx. 0.8 sec/1pcs (EYFB30B) approx. 540 pcs/pack approx. 0.8 sec/1pcs (EYFB32B) <M8: 23 N•m, Stage: 22>		approx. 500 pcs/pack approx. 0.9 sec/1pcs (EYFB30B) approx. 330 pcs/pack approx. 0.9 sec/1pcs (EYFB32B) <M10: 43 N•m, Stage: 23>		approx. 780 pcs/pack approx. 0.9 sec/1pcs (EYFB42B) approx. 350 pcs/pack approx. 0.9 sec/1pcs (EYFB41B) <M12: 71 N•m, Stage: 22>	
Charging time		Usable charge: approx. 35 min. Full charge: approx. 45 min (Battery pack EYFB30B, Charger EY0L82B) Usable Charge: approx. 35 min. Full Charge: approx. 40 min (Battery Pack EYFB32B, Charger EY0L82B)									

Tightening Torque Chart (for Reference Use)



The values illustrated on this chart were measured under the conditions described below and are provided for reference purposes. Actual tightening torque varies with ambient conditions (the particular bolt being tightened, hardware being used, method of holding the bolt in place, etc.).

<Optional Accessory>

<p>10.8V Li-Ion Battery pack EYFB30B, EYFB32B</p> <p>EYFB30B (High Capacity 3.0Ah) EYFB32B (Light Weight 2.0Ah)</p>	<p>14.4V Li-Ion Battery pack EYFB42B, EYFB41B</p> <p>EYFB42B (High Capacity 4.2Ah) EYFB41B (Light Weight 2.0Ah)</p>
<p>Charger EY0L82B</p>	<p>Remote Control EYFA31B</p>
<p>Protector for Battery EYFA02-H (gray), EYFA03-H (gray) EYFA04-H (gray), EYFA06-H (gray)</p> <p>EYFA02 (for EYFB30B), EYFA03 (for EYFB32B), EYFA04 (for EYFB42B), EYFA06 (for EYFB41B)</p>	
<p>Protector for Tool EYFA01-A (blue), -Y (yellow)-H (gray), -G (green)</p>	

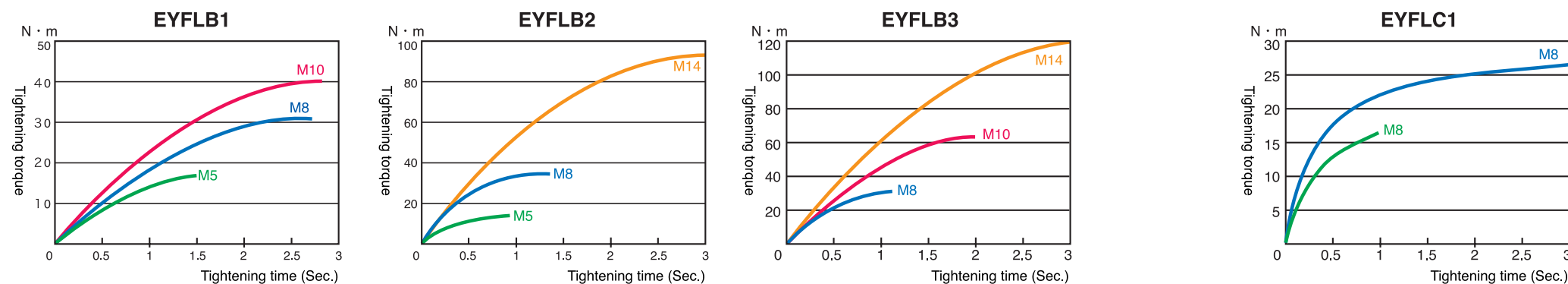
\*1 Weights are described in 0.05kg increment. \*There are models limited to particular region.

# Li-ion 10.8V Series without Torque Control

	Cordless Impact Driver			Cordless Impact Wrench		Cordless Oilpulse Driver
	EYFLB1A	EYFLB2A	EYFLB3A	EYFLB2Q	EYFLB3J	EYFLC1A
	<b>10.8V</b> Brushless Motor  3.0Ah 2.0Ah *Battery pack is not included	<b>10.8V</b> Brushless Motor  3.0Ah 2.0Ah *Battery pack is not included	<b>10.8V</b> Brushless Motor  3.0Ah 2.0Ah *Battery pack is not included	<b>10.8V</b> Brushless Motor  3.0Ah 2.0Ah *Battery pack is not included	<b>10.8V</b> Brushless Motor  3.0Ah 2.0Ah *Battery pack is not included	<b>10.8V</b> Brushless Motor  3.0Ah 2.0Ah *Battery pack is not included
<b>Chuck Size</b>	Single-ended 9mm Double-ended 12mm	Single-ended 9mm Double-ended 12mm	Single-ended 9mm Double-ended 12mm	<input type="checkbox"/> 9.5mm Square Drive Pin-hole type	<input type="checkbox"/> 12.7mm Square Drive Pin-hole type	Single-ended 9mm Double-ended 12mm
<b>Application</b>	Screw M5•M6 (Normal—Tensile bolt) M8 bolt (Normal bolt)	M6 bolt (Tensile bolt) M8 bolt (Normal bolt)	M8 bolt (Tensile bolt) M10 bolt (Normal bolt)	M6 bolt (Tensile bolt) M8 bolt (Normal bolt)	M8 bolt (Tensile bolt) M10 bolt (Normal bolt)	Screw M5•M6 (Normal—Tensile bolt) M8 bolt (Normal bolt)
<b>Maximum torque (F mode, fastening 3 sec.)</b>	approx. 40 N·m (M10 bolt)	approx. 90 N·m (M14 bolt)	approx. 120 N·m (M14 bolt)	approx. 90 N·m (M14 bolt)	approx. 120 N·m (M14 bolt)	approx. 27 N·m (M8 bolt)
<b>No load speed (unit : rpm)</b>	0 ~ 4000			0 ~ 2300		0 ~ 3150
<b>Impact per minute</b>	0 ~ 4000			0 ~ 3600		0 ~ 1850
<b>Weight*1 (inc. battery)</b>	EYFB30B	approx. 1.3kg		approx. 1.3kg		approx. 1.45kg
	EYFB32B	approx. 1.15kg		approx. 1.15kg		approx. 1.3kg
<b>Size</b>	<b>Length</b>	158mm				
	<b>Height</b>	248mm (EYFB30B), 231mm (EYFB32B)				
	<b>Width</b>	approx. 59mm (Width of battery pack: approx. 75mm)				
<b>Function</b>	<b>LED Light</b>	● (ON/OFF switch, Light off after five minutes automatically)				
	<b>Battery indication lamp</b>	● (3 stage)				
	<b>Auto-Power Stop function</b>	●				
<b>Application Capacity/ Working Speed</b>	approx. 1150 pcs/pack approx. 0.7 sec/1pcs (EYFB30B) approx. 770 pcs/pack approx. 0.7 sec/1pcs (EYFB32B) <M6: 10 N·m>	approx. 740 pcs/pack approx. 0.8 sec/1pcs (EYFB30B) approx. 500 pcs/pack approx. 0.8 sec/1pcs (EYFB32B) <M8: 23 N·m>	approx. 480 pcs/pack approx. 0.9 sec/1pcs (EYFB30B) approx. 320 pcs/pack approx. 0.9 sec/1pcs (EYFB32B) <M10: 43 N·m>	approx. 740 pcs/pack approx. 0.8 sec/1pcs (EYFB30B) approx. 500 pcs/pack approx. 0.8 sec/1pcs (EYFB32B) <M8: 23 N·m>	approx. 480 pcs/pack approx. 0.9 sec/1pcs (EYFB30B) approx. 320 pcs/pack approx. 0.9 sec/1pcs (EYFB32B) <M10: 43 N·m>	approx. 720 pcs/pack approx. 0.7 sec/1pcs (EYFB30B) approx. 480 pcs/pack approx. 0.7 sec/1pcs (EYFB32B) <M6: 10 N·m>
<b>Charging time</b>	Usable charge: approx. 35 min. Full charge: approx. 45 min (Battery pack EYFB30B, Charger EY0L82B) Usable Charge: approx. 35 min. Full Charge: approx. 40 min (Battery Pack EYFB32B, Charger EY0L82B)			Usable charge: approx. 35 min. Full charge: approx. 45 min (Battery pack EYFB30B, Charger EY0L82B) Usable Charge: approx. 35 min. Full Charge: approx. 40 min (Battery Pack EYFB32B, Charger EY0L82B)		

\*1 Weights are described in 0.05kg increment. \*There are models limited to particular region.

Tightening Torque Chart (for Reference Use)



## <Optional Accessory>

10.8V Li-Ion Battery pack  
EYFB30B  
EYFB32B



Charger  
EY0L82B



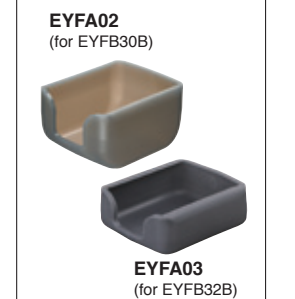
Remote Control  
EYFA31B



Protector for Tool  
EYFA01  
-A (blue), -Y (yellow)  
-H (gray), -G (green)



Protector for Battery  
EYFA02-H (gray)  
EYFA03-H (gray)



# New Precision Screwdriver realize better quality of fastening

**NEW**

**High Accuracy**  
10% ·  $Cmk \geq 1.67^*$   
(ISO5393)

\*In  $\geq 3N \cdot m$  range,  
Measured with the maximum RPM setting

Beep



Light and buzzer indicates fastenings' OK/NOK (Buzzer ON/OFF can be selected)

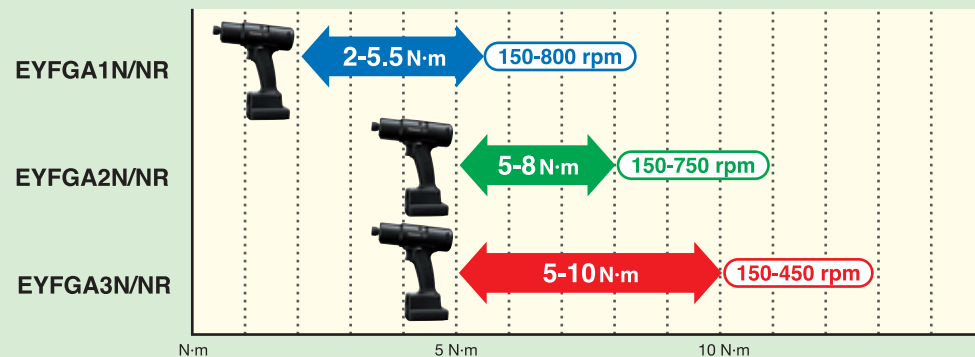
**Various fastening support features**



Optional batteries:  
Compact 2.0Ah or High Capacity 4.2Ah

## 3 model line-up can cover a wide range of applications

• Torque and RPM range by models

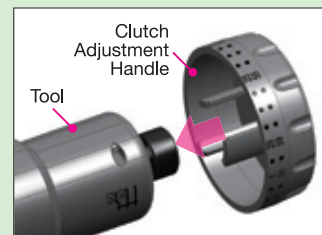


Both the torque and RPM's can be adjusted enabling you to select the most suitable setting for your application.

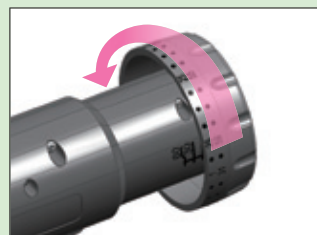
Possible to set suitable RPM by remote

## Accurate and Easy 60 Stage Adjustable Clutch

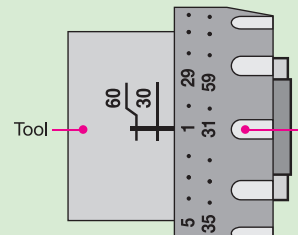
How to set clutch



① Insert the clutch adjustment handle into the nose of the tool



② Turn and set



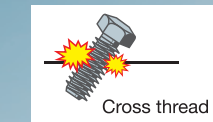
Clutch stage "1"

Quickly set the torque by adjusting the scale

Rotating the clutch adjustment handle clockwise to increase torque and counter clockwise to decrease torque

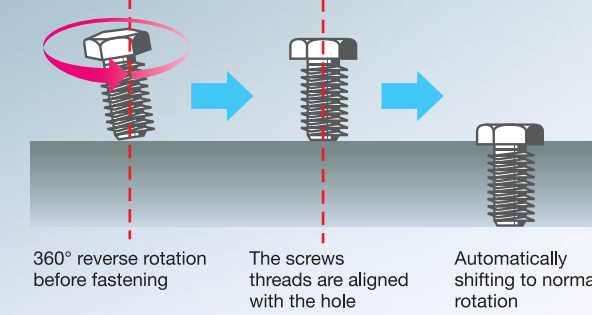
## Advanced fastening features

### Cross thread reduction



The tool first reverses 360 degree, aligning the threads, greatly reducing the possibility of cross threads.

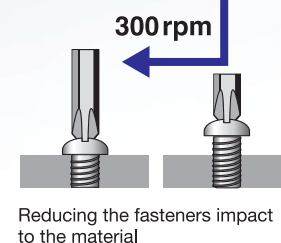
Reverse Rotation!



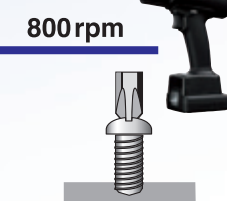
### Auto downshift function



Product damage

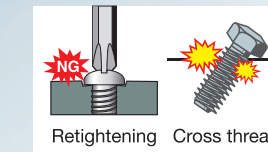


Reducing the fasteners impact to the material



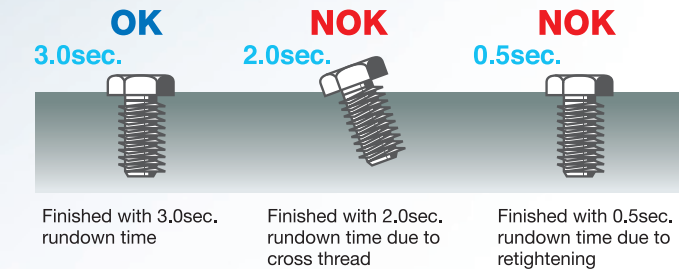
After a programmable period of time, the rpm automatically downshifts to 300 rpm. This can reduce the fasteners impact to the material, maximizing operator's productivity.

### Rundown error detecting function



If the clutch is activated before the programmable minimum runtime, the tool alerts the operator to a NOK fastening. (Time setting: 0.1-0.3sec, 0.1sec per stage)

• Example with 3.0sec. normal time setting



### Maintenance interval alarm

When the total fastenings are within 10,000 fastenings of the preset maintenance interval, the display blinks notifying the operator. Once the tool reaches the preset interval, the tool is locked out from further use. This function can be set ON or OFF and is defined in 10,000 increment cycles. (Number of setting: 0-990,000pcs)

### Auto battery Shut Down

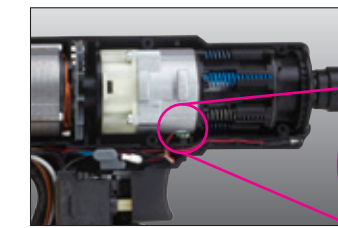
Before the battery power becomes too low to maintain the torque, the power supply stops automatically until a charged battery pack is attached.

### Variable Speed Control Function

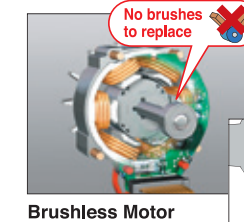
Speed can be controlled by use of the trigger. Speed control function ON and OFF can be selected by remote.

## Durable design

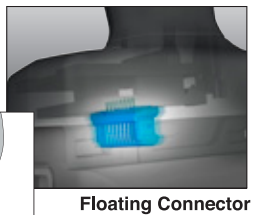
### Long life clutch with Photo Interrupter sensor



The Photo Interrupter Sensor, which senses the clutch plate movement, increases clutch life by not relying on mechanical contacts that wear.



Brushless Motor



Floating Connector

The brake is controlled on a separate circuit

Hybrid Switch

## More Features



**Rubber grip**  
**Compact and Lightweight**  
A well balanced compact and light design



**LED light**  
For operations in dimly lit place (have choice of ON/OFF switch interlocked or Trigger switch interlocked)



**Remote control**  
Tool setting can be set only by remote control.  
**Compact and light New 2.0Ah Li-ion battery pack! (EYFB41B)**



**Color Plate for differentiation**  
Each tool model is color coded for easy identification.



**Tool Hanger**

## Li-ion 14.4V Screwdriver Series

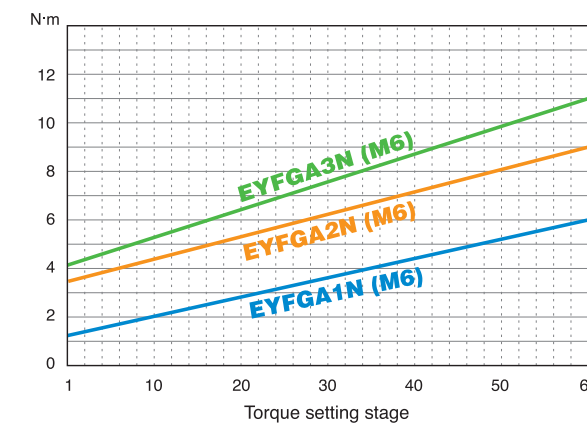
Cordless Screwdriver		
EYFGA1N	EYFGA2N	EYFGA3N
14.4V Brushless Motor	14.4V Brushless Motor	14.4V Brushless Motor
		
4.2Ah 2.0Ah	4.2Ah 2.0Ah	4.2Ah 2.0Ah
*Battery pack is not included		

Chuck Size	Single-Ended 9-13mm Double-Ended 12-16mm				
Application	Screw M5•M6 (Normal—Tensile bolt)				
Clutch Torque	Approx. 2 - 5.5 N•m	Approx. 5 - 8 N•m	Approx. 5 - 10 N•m		
Clutch Setting Stage	1 - 60, Total 60 stages (Approx. 0.08 N•m per stage)	1 - 60, Total 60 stages (Approx. 0.08 N•m per stage)	1 - 60, Total 60 stages (Approx. 0.13 N•m per stage)		
Torque Accuracy	±10%•Cmk≥1.67 (*Compliant with ISO5393. Measured with the Max RPM setting)(*In ≥3N•m range)				
No Load Speed (unit: rpm)	0 ~ 800	0 ~ 750	0 ~ 450		
Weight*1 (inc. battery)	EYFB41B	approx. 1.25kg			
	EYFB42B	approx. 1.5kg			
Size (L H W)	EYFB41B	199mm × 232mm × 54mm (Width of battery pack: 75mm)			
	EYFB42B	199mm × 249mm × 54mm (Width of battery pack: 75mm)			
Function	Rotation Speed Adjustment (Max.RPM)	● (Possible to choose the Max.RPM setting. GA1:150-800 rpm / GA2:150-750 rpm / GA3:150-450 rpm. 10RPM per stage) *Same Max.RPM in reverse rotation			
	Auto Downshift Function	● (Possible to choose the timing of auto downshift between 0 ~ 3 sec. 0.1 sec. per stage)			
	Cross Thread Reduction	● (The tool rotates approx. 360 degree in reverse before fastening starts. Possible to choose ON/OFF)			
	Rundown Error Detecting Function	● (Alert with Red light. Possible to set between 0 ~ 3 sec.. 0.1 sec. per stage)			
	Maintenance Interval Alarm Function	● (Possible to set between 0 - 990,000 times. 10,000 times per stage)			
	Wireless Communication	—			
	LED Light	● (Possible to choose from the 2 LED light modes. by ON/OFF switch or trigger switch interlocked)			
	Buzzer	● (Possible to choose from the 3 buzzer modes, No buzzer, buzzer with OK or buzzer with NOK)			
	Tightening Confirmation Lamp	● (OK fastening: Green lamp. NOK fastening: Red lamp)			
	Retightening Prevention Function	● (Fixed to 0.7 sec.)			
Application Capacity/ Working Speed	EYFB41B	Hard Joint 30°	approx. 1200 pcs/pack approx. 1.1 sec./1pcs (M6: 5.5 N•m)	approx. 1050 pcs/pack approx. 1.0 sec./1pcs (M6: 8 N•m)	approx. 1100 pcs/pack approx. 1.0 sec./1pcs (M6: 10 N•m)
		Soft Joint 720°	approx. 540 pcs/pack approx. 1.3 sec./1pcs (M6: 5.5 N•m)	approx. 410 pcs/pack approx. 1.3 sec./1pcs (M6: 8 N•m)	approx. 310 pcs/pack approx. 1.4 sec./1pcs (M6: 10 N•m)
	EYFB42B	Hard Joint 30°	approx. 2700 pcs/pack approx. 1.1 sec./1pcs (M6: 5.5 N•m)	approx. 2350 pcs/pack approx. 1.0 sec./1pcs (M6: 8 N•m)	approx. 2500 pcs/pack approx. 1.0 sec./1pcs (M6: 10 N•m)
		Soft Joint 720°	approx. 1250 pcs/pack approx. 1.3 sec./1pcs (M6: 5.5 N•m)	approx. 1000 pcs/pack approx. 1.3 sec./1pcs (M6: 8 N•m)	approx. 730 pcs/pack approx. 1.4 sec./1pcs (M6: 10 N•m)
Charging time	Usable Charge: approx. 35min. Full Charge: approx. 40min (Battery Pack EYFB41, Charger EY0L82B) Usable Charge: approx. 50min. Full Charge: approx. 60min (Battery Pack EYFB42, Charger EY0L82B)				

\*1 Weights are described in 0.05kg increment. \*There are models limited to particular region.

## Accessories of Li-ion 14.4V Screwdriver Series

Tightening Torque Chart (for Reference Use)



### <Optional Accessory>

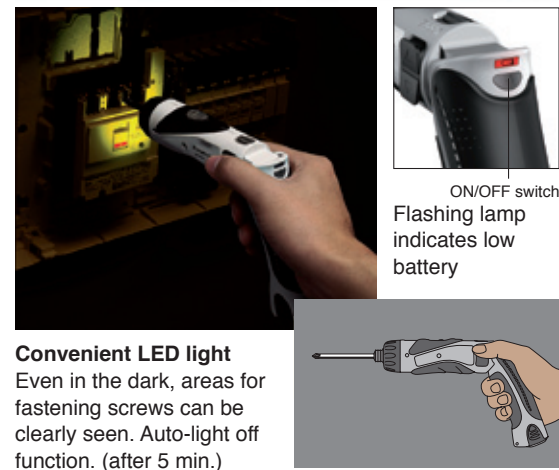
14.4V Li-Ion Battery pack EYFB42B, EYFB41B	Charger EY0L82B
 EYFB42B (High Capacity 4.2Ah)	
 EYFB41B (Light Weight 2.0Ah)	
Remote Control EYFA31B	Protector for Battery EYFA04-H (gray) EYFA06-H (gray)
	
Protector for Tool EYFA05-A (blue), -Y (yellow)-H (gray)	
	
Clutch Adjustment Handle EYFA32	Tool Hanger EYFA40
	



**Lightweight and accurate\* ±10% Li-ion Auto Shut-Off Screwdriver** \*Based on internal measurement



<b>Features</b>	<ul style="list-style-type: none"> <li>• 1/4" Hex quick change chuck</li> <li>• Cap for clutch lock out</li> <li>• LED work light</li> <li>• 30 min. charging system (Full charge)</li> </ul>
<b>Max.Torque</b>	Low: 4.4 N·m High: 1.5 N·m
<b>Speed at No Load</b>	Low: 200 rpm High: 600 rpm
<b>Clutch Torque (Approx.)</b>	0.3-2.9 N·m (0.1 N·m per stage, total 21 stage)
<b>Charging Time</b>	Usable: 15 minutes, Full: 30 minutes (using EY0L10B, EY0L11B charger)
<b>Weight (incl.battery)</b>	0.5 kg
<b>Size (LxHxW)</b>	276 mm x 134 mm x 46 mm
<b>Working Capacity</b>	<b>Fastening</b> Wood Screws in Yellow Pine ø3.1 x 13 mm 600 pcs Screws in Sheet Metal (pre-hole) M5 x 8 mm 1,000 pcs
	<b>Drilling</b> Holes in SPC t=1 mm, ø2 85 pcs
<b>Standard Accessory</b>	<b>EY7410LA2S</b> 2 X 1.5Ah Li-ion battery pack (EY9L10B) Charger (EY0L10B) Clutch lock cover (EY9X007E)
	<b>EY7410LA1C</b> 1 X 1.5Ah Li-ion battery pack (EY9L10B)



<Optional Accessory>

1.5Ah Li-ion battery pack <b>EY9L10B</b>	Charger <b>EY0L10B</b>	Clutch lock cover <b>EY9X007E</b>

**Recommended tool chart**

Bolt Size	With Torque Control	Without Torque Control	Battery	Charger	
<b>M14</b>	<b>EYFMA1J</b> <i>With Shut-off function</i> Approx.25~100N·m		EYFB42B (14.4V)	EY0L82B	
			EYFB41B (14.4V)		
<b>M12</b>					
<b>M10</b>	<b>EYFLA6J</b> <i>With Shut-off function</i> Approx.16~53N·m	<b>EYFLB3A</b> <b>EYFLB3J</b>	EYFB30B (10.8V)		
<b>M8</b>	<b>EYFLA5A</b> <b>EYFLA5Q</b> <i>With Shut-off function</i> Approx.6~30N·m	<b>EYFLB2A</b> <b>EYFLB2Q</b>	EYFB32B (10.8V)		
<b>M6</b>	<b>EYFLA4A</b> <i>With Shut-off function</i> Approx.3~22N·m	<b>EYFLB1A</b> <b>EYFLC1A</b>			
			<b>EYFGA2N</b> <b>EYFGA3N</b> <i>With Clutch / Fastening Support</i> Approx.5~8N·m (EYFGA2N) Approx.5~10N·m (EYFGA3N)		EYFB42B (14.4V)
<b>~M5</b>	<b>EYFGA1N</b> <i>With Clutch / Fastening Support</i> Approx.2~5.5N·m		EYFB41B (14.4V)		
	<b>EY7410</b> <i>With Clutch</i> Approx.0.3~2.9N·m		EY9L10B (3.6V)	EY0L10B	





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Due to ongoing product development specifications are subject to change without notice  
Product colors may vary slightly from those pictured in catalog

