

Factory Use

Factory Tool Lineup

2020/2021

Panasonic



Panasonic

Panasonic Corporation

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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

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 650N·m torque control applications.

Precision Shut-off Impact Tools

- With High Resolution Encoder Sensor
- 7 stages Snug Torque Detection Mode
- Consistent Pulse Control
- Advanced Fastening Feature
- For M5~M14 fasteners



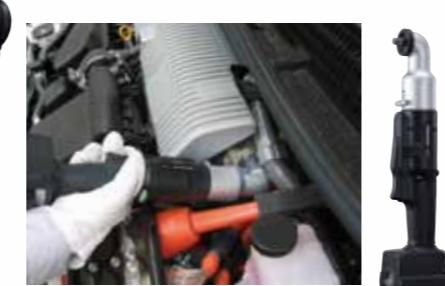
Shut-off Impact Tools

- 2 stages Snug Torque Detection Mode
- Torque Adjustment
- Advanced Fastening Feature
- 10.8V/14.4V: for M6~M14 fasteners
- 18V/21.6V: for M12~M24



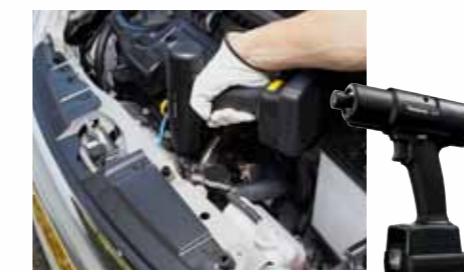
Shut-off Angle Impact Tools

- 2 stages Snug Torque Detection Mode
- Torque Adjustment
- Advanced Fastening Feature
- 10.8V/14.4V: for M6~M14 fasteners



Precision Screwdriver (with Clutch)

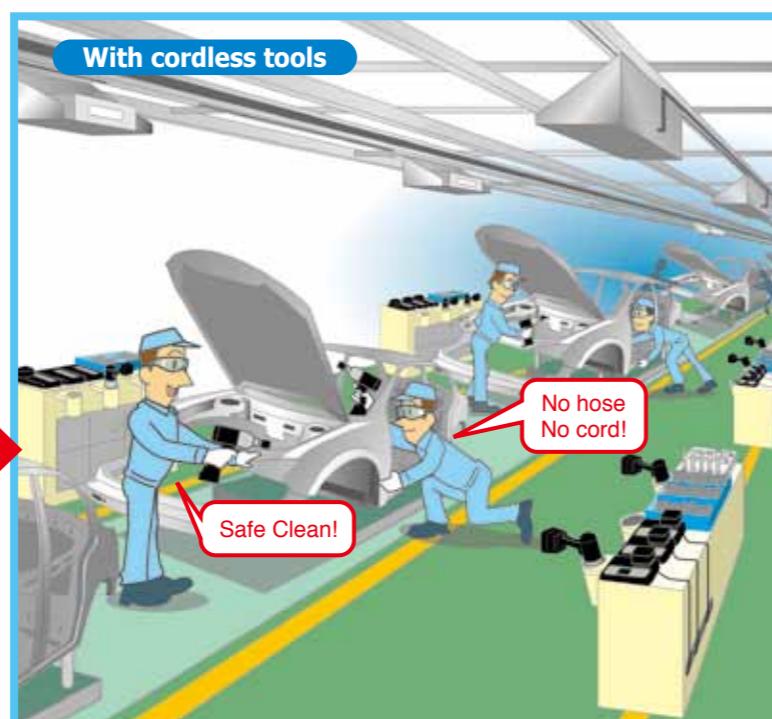
- $\pm 10\%$, Cmk ≥ 1.67 *(ISO5393)
 - Advanced Fastening Feature
 - For M5~M6 fasteners
- *In $\geq 3\text{N}\cdot\text{m}$ range. Measured with the maximum RPM setting



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.

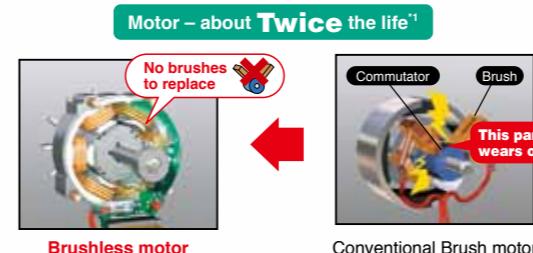


Long life technologies

Durable parts and technology deliver longer life

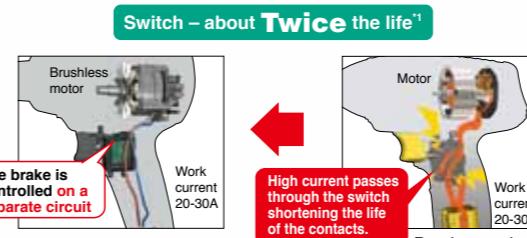
Brushless Motor

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



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.



Lithium-ion Battery

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

Li-ion Battery



Ni-MH Battery



Floating Connector

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

¹ Compared with Panasonic's brush motor and non-hybrid switch.
² The comparison chart is against Panasonic's EYF581 with EY9188 battery pack. The performance may be slightly different depending on conditions.

Innovative Line of Torque-Controlled Cordless Power Tools Designed for Manufacturing

| Recommended Bolt Size | M5 | M6 | M8 | M10 | M12 | M14 | M16 | M18 | M20 | M24 | |
|---|--|---|---|---|---|--|---|-----|-----|-----|--|
| Torque Control Tool Intelligent Auto-Shut Off Function |  10.8V (Shut-Off Range: 3-22N·m) EYFLA7A P.9 | | |  14.4V (Shut-Off Range: 25-120N·m) EYFMA2C P.10 | | | | | | | |
| | |  10.8V (Shut-Off Range: 6-30N·m) EYFLA8A P.9 EYFLA8C P.9 | | | | | | | | | |
| | | |  10.8V (Shut-Off Range: 20-60N·m) EYFLA9C P.10 | | | | | | | | |
| |  10.8V (Shut-Off Range: 3-22N·m) EYFLA4A P.13 | | |  14.4V (Shut-Off Range: 25-100N·m) EYFMA1J P.14 | | | | | | | |
| | |  10.8V (Shut-Off Range: 6-30N·m) EYFLA5A P.13 EYFLA5Q P.13 | | | |  18V (Shut-Off Range: 70-200N·m) EYFNA1C P.17 | | | | | |
| | | |  10.8V (Shut-Off Range: 16-53N·m) EYFLA6J P.14 | | | |  21.6V (Shut-Off Range: 160-650N·m) EYFPA1J P.18 | | | | |
| | | | |  14.4V (Shut-Off Range: 10-53N·m) EYFME1C P.20 | | | | | | | |
| | | | |  14.4V (Shut-Off Range: 2-10N·m) EYFGA1N P.24 EYFGA2N P.24 EYFGA3N P.24 | | | | | | | |
| No Torque Control Tool |  10.8V EYFLB1A P.21 | | | | | | | | | | |
| | |  10.8V EYFLC1A P.22 EYFLB3A P.21 EYFLB3J P.22 | | | | | | | | | |
| | | |  10.8V EYFLB2A P.21 EYFLB2Q P.22 | | | | | | | | |
| | | | | |  | | | | | | |

Various Support Features

Advanced Fastening Features

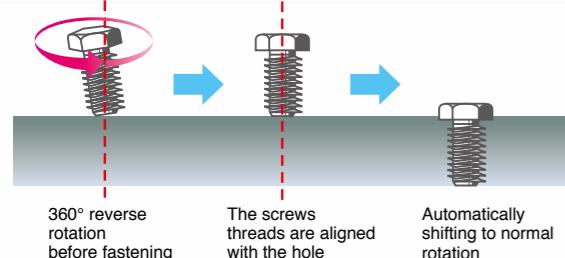


Cross Thread Reduction

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

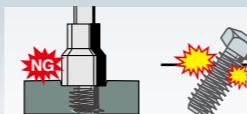


Reverse Rotation!



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: 0.1-3.0sec, 0.1sec per stage)



• Example with 3.0sec. normal time setting



Retightening Prevention Function

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.

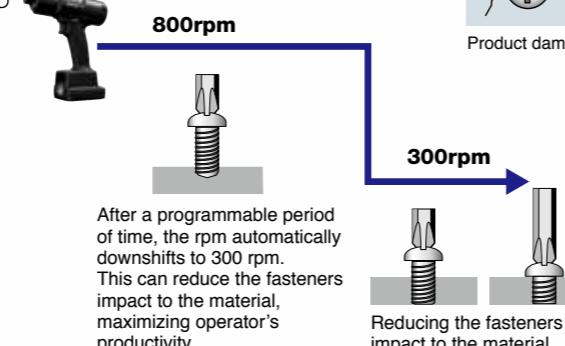


Variable Speed Control Function

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



Auto Downshift Function



Maintenance Interval Alarm

When the total fastening times (impact tools)/numbers (screwdrivers) are within 1 hours/10,000 fastenings of the preset maintenance interval, the display blinks notifying the operator. Once the tool reaches the preset interval, the tool is looked out from further use. (Number of setting: 0-99 hours/0-990,000 fastenings)



Snug Torque Detection Delay

The tool doesn't activate Snug Torque Detection mode and ignores loads in the middle of rundown for a selected time period.



Long Socket Mode

RPM can be adjusted depending on socket length to stabilize torque even with long socket.
(h1: for 150mm socket, h2: for 250mm socket)



Features Chart

| | Model | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | EYFLA4A | EYFLA5A | EYFLA5Q | EYFLA6J | EYFLA7A | EYFLA8A | EYFLA8C | EYFLA9C | EYFMA1J | EYFMA2C | EYFME1C | EYFNA1C | EYFP1J | EYFGA1N | EYFGA2N | EYFGA3N | EYFLB1A | EYFLB2A | EYFLB3A | EYFLB2Q | EYFLB3J | EYFLC1A |
| Cross thread reduction | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | | | | |
| Rundown error detecting function | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Retightening prevention function | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | | | | | | | |
| Auto downshift function | | | | | | | | | | | | | | | | | ● | ● | ● | | | |
| Variable speed control function | ○ | ○ | ○ | ○ | ● | ● | ● | ● | ○ | ● | ● | ● | ● | ● | ● | ● | ○ | ○ | ○ | ○ | ○ | |
| Maintenance interval alarm | | | | | ● | ● | ● | ● | | ● | ● | ● | ● | ● | ● | ● | | | | | | |
| Snug torque detection delay | | | | | ● | ● | ● | ● | | ● | | | | | | | | | | | | |
| Long socket mode | | | | | ● | ● | ● | ● | | ● | | | | | | | | | | | | |

*There are models limited to particular region.

*Variable speed control function: Models with "○" don't have ON/OFF setting.

*Herutu wireless compatible models do not have an out of range disable function.

Precision Shut-Off Impact Wrench

Precision fastening quality utilizing Encoder Sensor and newly developed 7 stages Snug Torque Detection Mode



Advanced Impact Torque Control with 3 new technologies

① High Resolution Encoder Sensor

Encoder sensor monitors motor's rotation angle precisely and simulates snug torque accurately.

② 7 stages Snug Torque Detection Mode

Precise Snug Torque Detection Mode enables accurate fastening on variety of joints with large snug torque.

③ Consistent Impact Control

Powers of impacts are always kept consistent regardless of remained battery capacity.

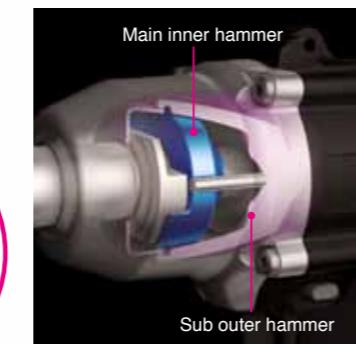


Shut-off torque can be adjusted by 40 stages



High Resolution Encoder Sensor

High Efficiency Double Hammer Block (EYFLA9, EYFMA2 only)

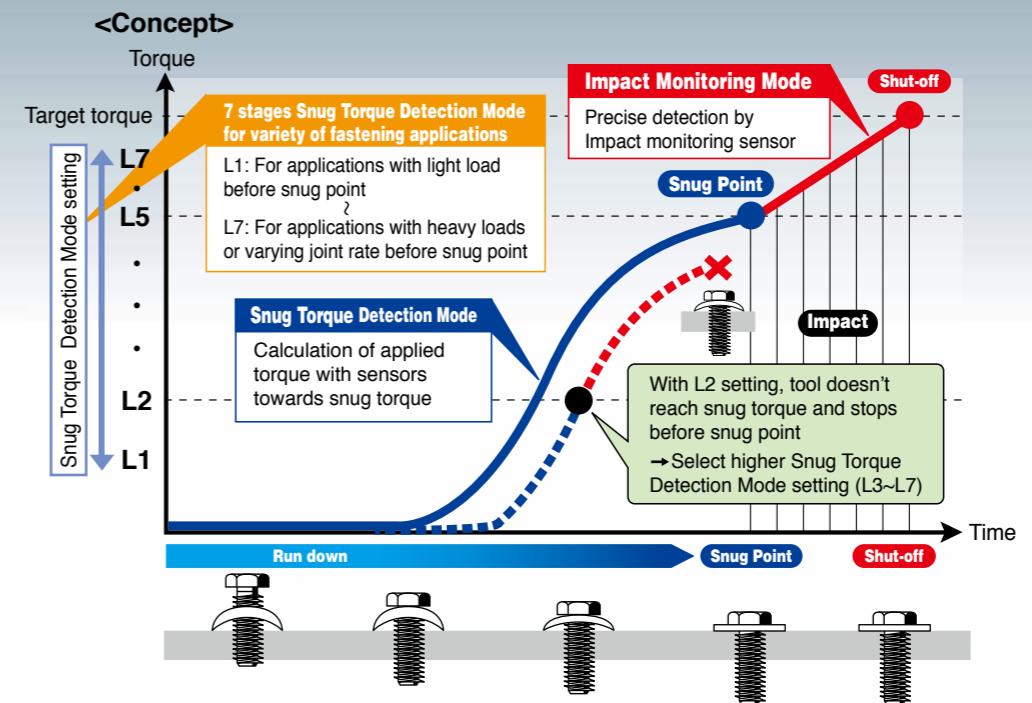


Newly developed Double Hammer Block reduces tool's vibration, and thus operator's fatigue and reflection noise from work material.

Calibration Data (only for reference purpose) Model number: EYFMA2C

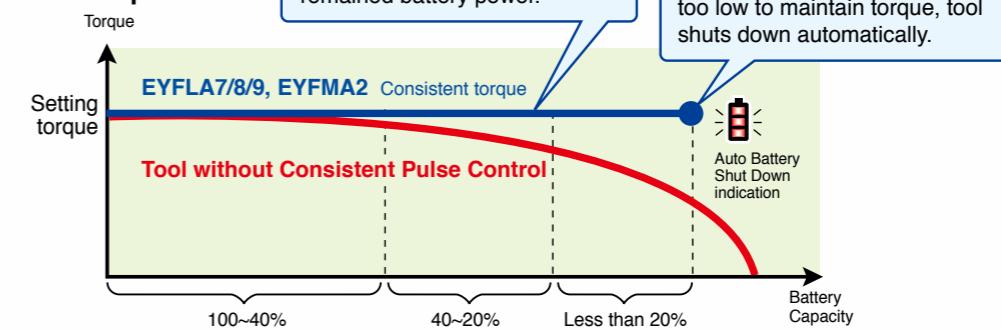
| Bolt Size | Torque setting | 1 | 2 | 3 | 4 | 5 | ~ | 26 | 27 | 28 | 29 | 30 | Average | Accuracy |
|-----------|----------------|------|------|------|------|------|---|------|------|------|------|------|---------|----------|
| M10 | 1 | 14.2 | 16.1 | 14.8 | 14.7 | 15.0 | ~ | 15.3 | 15.1 | 15.1 | 15.1 | 15.3 | 15.1 | 9.7% |
| | 10 | 31.1 | 31.8 | 31.0 | 31.7 | 31.8 | | 32.0 | 31.7 | 30.7 | 32.2 | 30.6 | 31.5 | 5.4% |
| M12 | 15 | 55 | 55 | 55 | 55 | 56 | ~ | 55 | 55 | 55 | 55 | 55 | 55 | 1.7% |
| | 25 | 80 | 81 | 82 | 81 | 82 | | 83 | 82 | 83 | 82 | 81 | 82 | 3.5% |
| M14 | 30 | 117 | 118 | 113 | 117 | 118 | ~ | 118 | 119 | 117 | 118 | 116 | 117 | 4.3% |
| | 40 | 131 | 132 | 134 | 134 | 136 | | 134 | 134 | 134 | 133 | 137 | 134 | 3.9% |

*The values in this chart were measured under Panasonic measuring condition and are provided only for reference purpose.
Actual tightening torque may vary with ambient conditions.



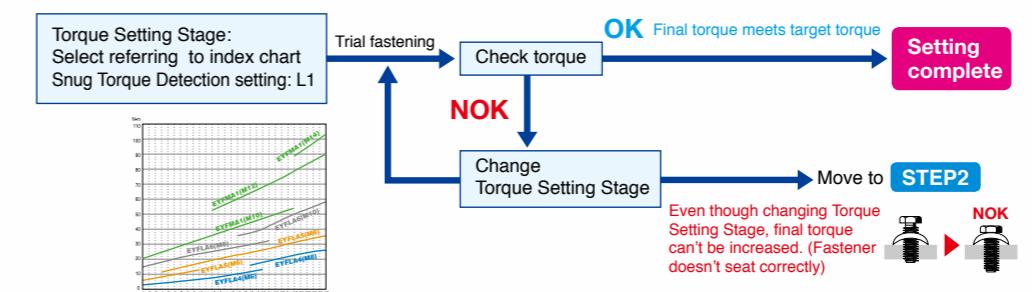
Safety for consistent torque

<Concept>

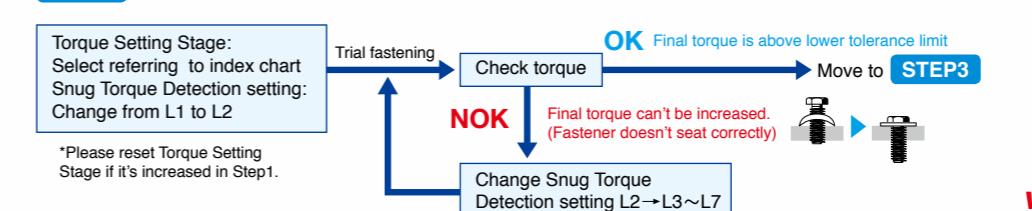


How to set

STEP1 Select Torque Setting Stage (1~40)

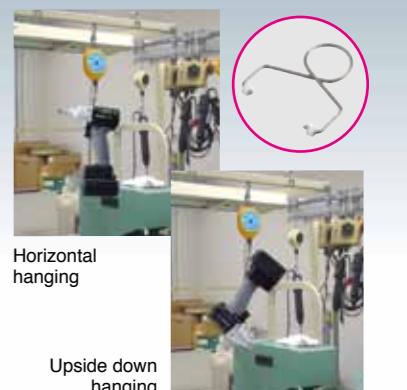


STEP2 Select Flush Detection Level (L1~L7 / Use only when final torque can't be increased by Torque Setting Stage change)



STEP3 Fine-tune Torque Setting Stage to meet target torque and complete setting

More Features



Tool Hanger
The tool can be hanged on the balancer both and upside down.



Tightening Confirmation Lamp
Green light indicates tightening is completed.



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



LED Light
For operations in dimly lit place.



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



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

Various Support Features

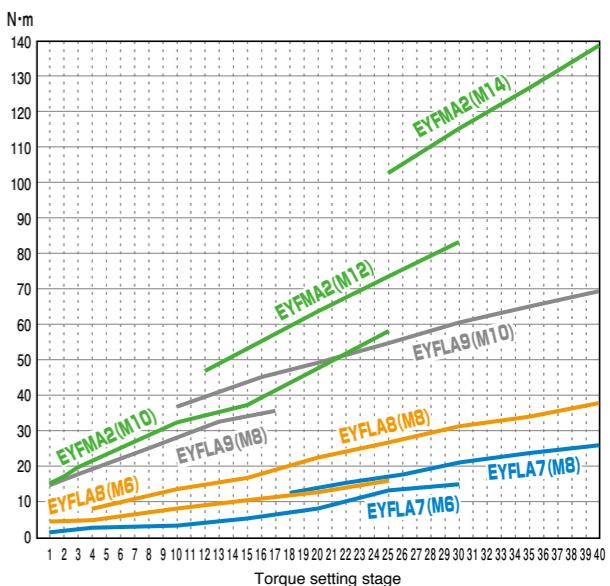




| Chuck size | Single-ended 9mm Double-ended 12mm | Single-ended 9mm Double-ended 12mm | <input type="checkbox"/> 9.5mm Square Drive Retainer ring and Pin-hole type | <input type="checkbox"/> 12.7mm Square Drive Retainer ring and Pin-hole type | <input type="checkbox"/> 12.7mm Square Drive Retainer ring and Pin-hole type | |
|---|--|---|---|---|--|--|
| Application | M5•M6 (Normal—Tensile bolt) M8 bolt (Normal bolt) | M6 bolt (Tensile bolt) M8 bolt (Normal—Tensile bolt) | M6 bolt (Tensile bolt) M8 bolt (Normal—Tensile 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. 35 N·m (M10 bolt) | approx. 80 N·m (M14 bolt) | approx. 80 N·m (M14 bolt) | approx. 120 N·m (M14 Tensile bolt) | approx. 185 N·m(M16 Tensile bolt) | |
| Shut-off range | approx. 3–22 N·m | approx. 6–30 N·m | approx. 6–30 N·m | approx. 20–60 N·m | approx. 25–120 N·m | |
| Torque setting | 40 stage + F (without torque setting mode) | | | 40 stages + F (without torque setting mode) | | |
| Snug torque detection mode setting | 7 stages (L1 ~ L7) | | | 7 stages (L1 ~ L7) | | |
| No load speed (unit : rpm) | stage1: 0~ 950, stage2 : 0~1250 stage3: 0~1450, stage4~8: 0~1550 stage9~40•F: 0~2300 | stage1: 0~1300, stage2 : 0~1450 stage3: 0~1550, stage4~40•F: 0~2300 | | 0 ~ 2300 | 0 ~ 2300 | |
| Impact per minute | stage1: 0~1800, stage2 : 0~2250 stage3: 0~2500, stage4~8: 0~2950 stage9~40•F: 0~3600 | stage1: 0~2400, stage2 : 0~2500 stage3: 0~2800, stage4~40•F: 0~3300 | | 0 ~ 2800 | 0 ~ 2900 | |
| Weight ^{*1} (inc. battery) | EYFB30B | approx. 1.3kg | approx. 1.35kg | approx. 1.35kg | approx. 1.45kg | |
| | EYFB32B | approx. 1.15kg | approx. 1.15kg | approx. 1.15kg | approx. 1.3kg | |
| | EYFB43B•EYFB42B | — | — | — | approx. 1.6kg | |
| | EYFB41B | — | — | — | approx. 1.4kg | |
| Size | Length | 153mm | 153mm | 162mm | 172mm | |
| Function | Height | 249mm (EYFB30B), 231mm (EYFB32B) | | | 250mm (EYFB30B), 232mm (EYFB32B) | |
| | Width | approx. 59mm (Width of battery pack: approx. 75mm) | | | approx. 59mm (Width of battery pack: approx. 75mm) | |
| Vibration | 5.2m/s ² | 7.0m/s ² | 6.3m/s ² | 5.1m/s ² | 6.9m/s ² | |
| Function | LED light | ● (ON/OFF switch, Light turns off after five minutes automatically) | | | ● (ON/OFF switch, Light turns off after five minutes automatically) | |
| | Tightening confirmation lamp | ● (OK fastening: Green lamp, NOK fastening: Red lamp) | | | ● (OK fastening: Green lamp, NOK fastening: Red lamp) | |
| Battery indication lamp | ● (3 stages) | | | ● (3 stages) | | |
| Auto battery shutdown | ● | | | ● | | |
| Advanced fastening features | ● (For details of the feature, Please refer to page 6) | | | ● (For details of the feature, Please refer to page 6) | | |
| Tool hanger | ● | | | ● | | |
| Work capacity / Fastening speed | <M6: 10 N·m, Stage: 22> (EYFB30B) approx. 1200 pcs/pack approx. 0.7 sec/1pcs (EYFB32B) approx. 800 pcs/pack approx. 0.7 sec/1pcs | <M8: 23 N·m, Stage: 22> (EYFB30B) approx. 800 pcs/pack approx. 0.8 sec/1pcs (EYFB32B) approx. 540 pcs/pack approx. 0.8 sec/1pcs | <M8: 23 N·m, Stage: 22> (EYFB30B) approx. 800 pcs/pack approx. 0.8 sec/1pcs (EYFB32B) approx. 540 pcs/pack approx. 0.8 sec/1pcs | | <M10: 43 N·m, Stage: 23> (EYFB30B) approx. 400 pcs/pack approx. 0.8 sec/1pcs (EYFB32B) approx. 260 pcs/pack approx. 0.8 sec/1pcs | <M12: 71 N·m, Stage: 22> (EYFB43B) approx. 510 pcs/pack, approx. 0.8 sec/1pcs (EYFB42B) approx. 600 pcs/pack, approx. 0.8 sec/1pcs (EYFB41B) approx. 270 pcs/pack, approx. 0.8 sec/1pcs |
| Charging time | (Battery pack EYFB30B, Charger EY0L82B) Usable charge: approx. 35 min. Full charge: approx. 45 min (Battery Pack EYFB32B, Charger EY0L82B) Usable Charge: approx. 35 min. Full Charge: approx. 40 min | | | | (Battery pack EYFB30B, Charger EY0L82B) Usable charge: approx. 35 min. Full charge: approx. 45 min (Battery Pack EYFB32B, Charger EY0L82B) Usable Charge: approx. 35 min. Full Charge: approx. 40 min | (Battery pack EYFB43B, Charger EY0L82B) Usable Charge: approx. 45 min. Full Charge: approx. 60 min (Battery pack EYFB42B, Charger EY0L82B) Usable Charge: approx. 50 min. Full Charge: approx. 60 min (Battery Pack EYFB41B, Charger EY0L82B) Usable Charge: approx. 35 min. Full Charge: approx. 40 min |

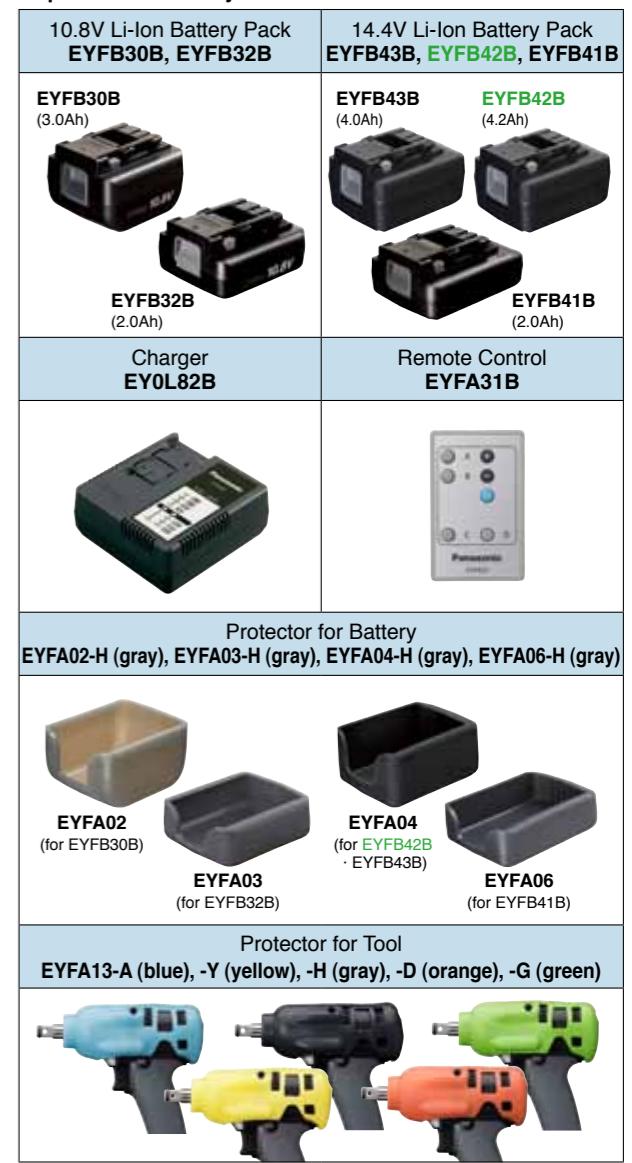


Tightening Torque Chart (for Reference Use)



The values illustrated on this chart were measured under Panasonic measuring condition 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>



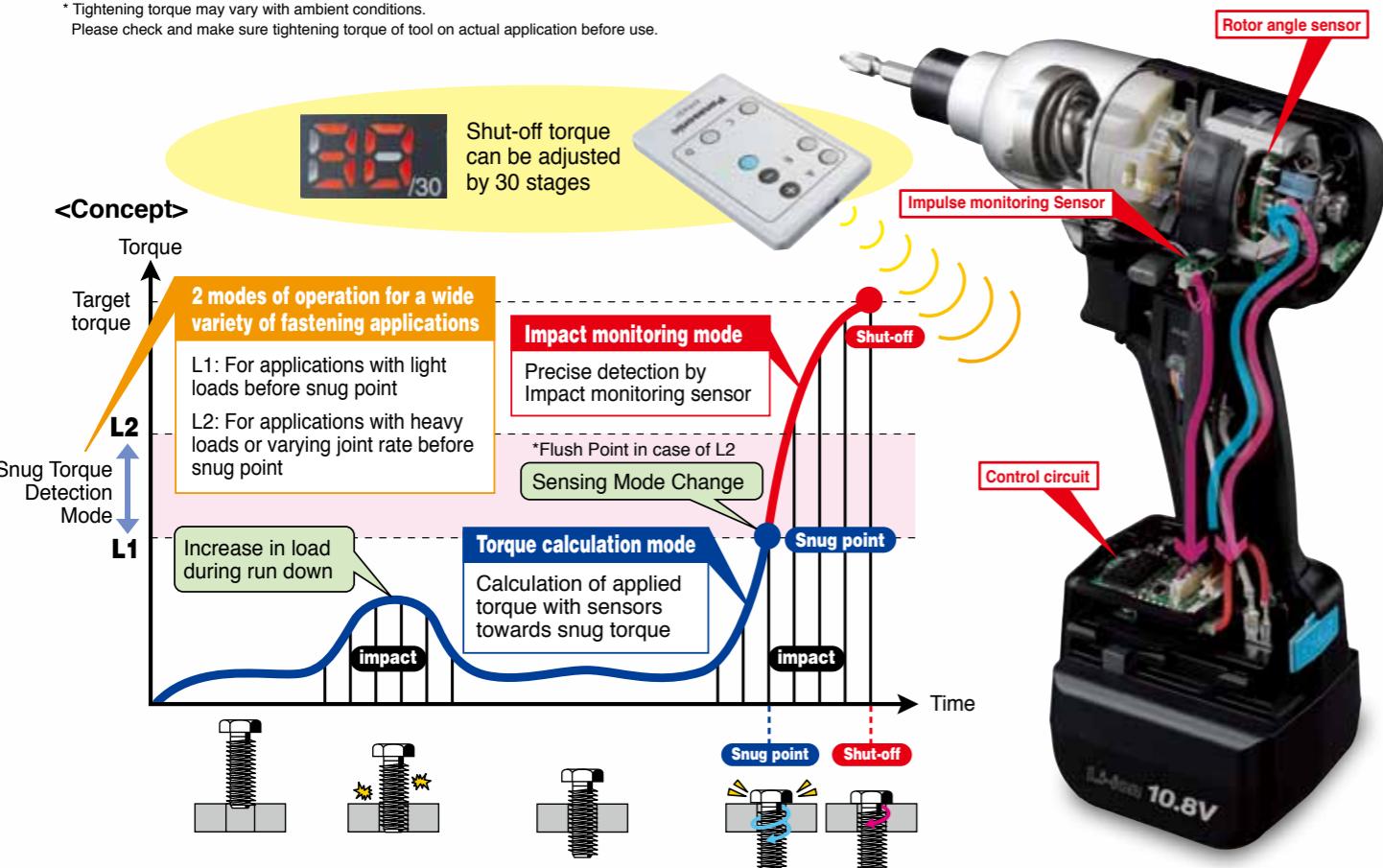
Panasonic Unique Shut-Off Impact Tool Series

The unique Panasonic algorithm offers high power, high speed and high accuracy all together without torque reaction

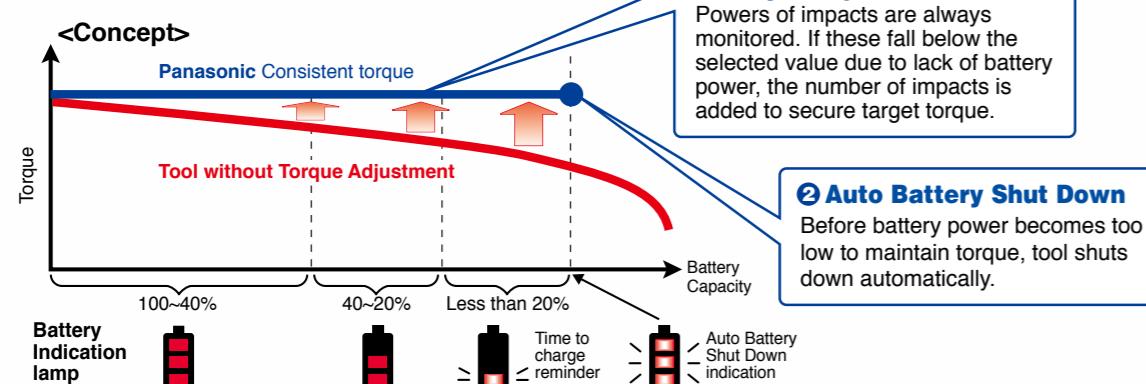
Torque Control Mechanism

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

* Tightening torque may vary with ambient conditions.
Please check and make sure tightening torque of tool on actual application before use



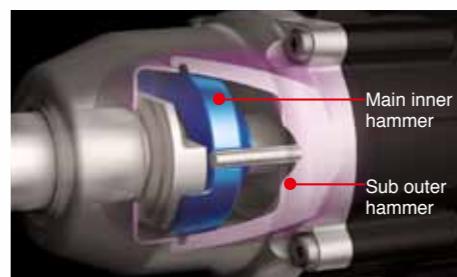
Safety for consistent torque



More Features

High-Efficient Double Hammer Block Mechanism (EYFNA1, EYFPA1only)

With the newly developed Double Hammer Block, high power and compact-light body become compatible. It also reduces the tool's vibration and thus operator's fatigue.



Needle Bearings

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



Light Weight



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

Tool Hanger (EXENA1 EXEPA1only)

The tool can be hanged on the balancer both vertically and horizontally

LED Light
For operations in
dimly lit place



Remote Control

Tool setting can be set only by remote control

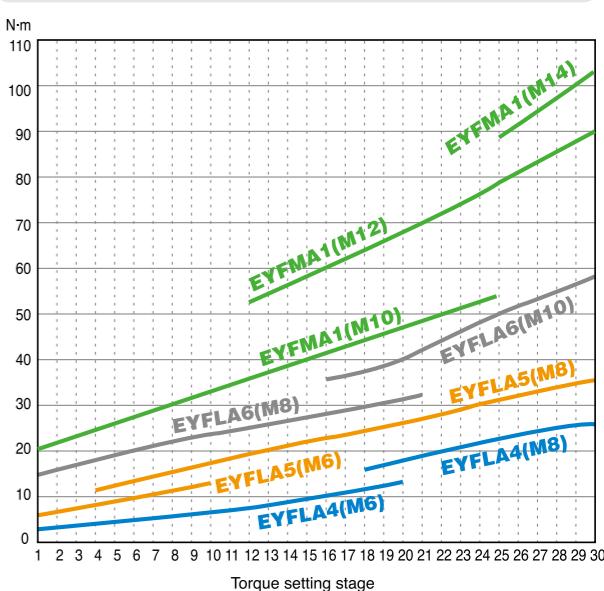


Various Support Features



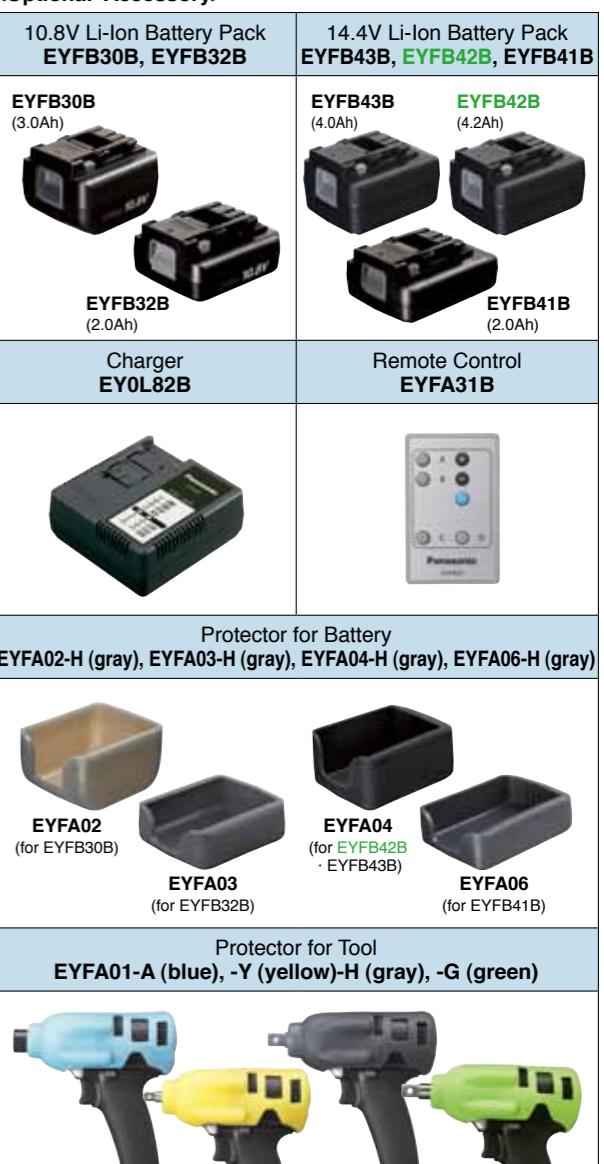
| | EYFLA4A | EYFLA5A | EYFLA5Q | EYFLA6J | EYFMA1J |
|--|--|--|---|--|--|
| Chuck size | Single-ended 9mm Double-ended 12mm | Single-ended 9mm Double-ended 12mm | <input type="checkbox"/> 9.5mm Square Drive Pin-hole type | <input type="checkbox"/> 12.7mm Square Drive Pin-hole type | <input type="checkbox"/> 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) |
| Shut-off 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) | | | 30 stage + F (without torque setting mode) | |
| Snug torque detection mode setting | L1: For lighter loads during fastener run down L2: For prevailing torque during run down and varying joint rate 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*¹ (inc. battery) | EYFB30B | approx. 1.3kg | | | approx. 1.4kg |
| | EYFB32B | approx. 1.15kg | | | approx. 1.25kg |
| | EYFB43B・EYFB42B | — | | | — |
| | EYFB41B | — | | | approx. 1.3kg |
| Size | Length | 158mm | 158mm | 164mm | 172mm |
| | Height | 248mm (EYFB30B), 231mm (EYFB32B) | | | 248mm (EYFB30B), 231mm (EYFB32B) 248mm (EYFB43B・EYFB42B), 231mm (EYFB41B) |
| | Width | approx. 59mm (Width of battery pack: approx. 75mm) | | | approx. 59mm (Width of battery pack: approx. 75mm) |
| Function | LED light | ● (ON/OFF switch, Light turns off after five minutes automatically) | | | ● (ON/OFF switch, Light off after five minutes automatically) |
| | Tightening confirmation lamp | ● (OK fastening: Green lamp, NOK fastening: Red lamp) | | | ● (OK fastening: Green lamp, NOK fastening: Red lamp) |
| | Retightening prevention function | ● (Possible to set between 0 ~ 3 sec.. 0.1 sec. per stage) | | | ● (Possible to set between 0 ~ 3sec.. 0.1 sec. per stage) |
| | Battery indication lamp | ● (3 stages) | | | ● (3 stage) |
| | Auto battery shutdown | ● | | | ● |
| | Work capacity / Fastening speed | <M6: 10 N·m, Stage: 19> (EYFB30B) approx. 1200 pcs/pack approx. 0.7 sec/1pcs (EYFB32B) approx. 800 pcs/pack approx. 0.7 sec/1pcs | <M8: 23 N·m, Stage: 22> (EYFB30B) approx. 800 pcs/pack approx. 0.8 sec/1pcs (EYFB32B) approx. 540 pcs/pack approx. 0.8 sec/1pcs | <M8: 23 N·m, Stage: 22> (EYFB30B) approx. 800 pcs/pack approx. 0.8 sec/1pcs (EYFB32B) approx. 540 pcs/pack approx. 0.8 sec/1pcs | <M10: 43 N·m, Stage: 23> (EYFB30B) approx. 500 pcs/pack approx. 0.9 sec/1pcs (EYFB32B) approx. 330 pcs/pack approx. 0.9 sec/1pcs |
| Charging time | (Battery pack EYFB30B, Charger EY0L82B) Usable charge: approx. 35 min. Full charge: approx. 45 min (Battery Pack EYFB32B, Charger EY0L82B) Usable Charge: approx. 35 min. Full Charge: approx. 40 min | | | (Battery pack EYFB30B, Charger EY0L82B) Usable charge: approx. 35 min. Full charge: approx. 45 min (Battery Pack EYFB32B, Charger EY0L82B) Usable Charge: approx. 35 min. Full Charge: approx. 40 min | |

Tightening Torque Chart (for Reference Use)



The values illustrated on this chart were measured under Panasonic measuring condition 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>



High Power 18V & 21.6V Cordless Shut -Off Impact Wrench

Fasten large bolts with virtually no torque reaction and no more air hoses



21.6V EYFPA1

Shut-Off Range
160~650 N·m

Maximum Torque
700 N·m
(After 3 sec.)

Light Weight
approx. **3.6 kg**

High Capacity
4.2Ah

18V EYFNA1

Shut-Off Range
70~200 N·m

Maximum Torque
470 N·m
(After 3 sec.)

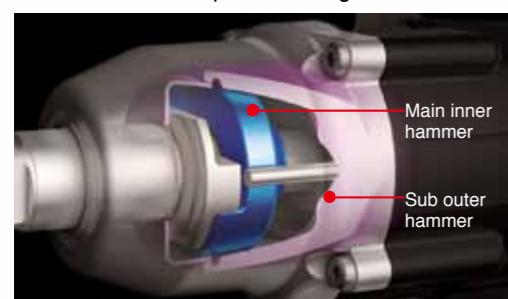
Light Weight
approx. **3.0kg**

High Capacity
5.0Ah

Advanced technologies to realize compact size, lightweight and outstanding high power

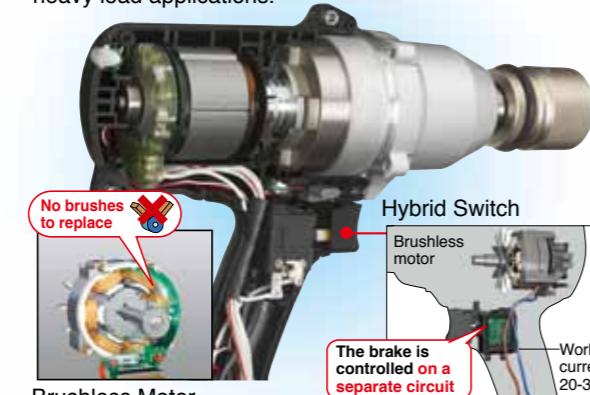
High-Efficient Double Hammer Block Mechanism

With the newly developed Double Hammer Block, High power and compact-light body become compatible. It also reduces the tool's vibration and thus operator's fatigue.



Compact and High-Power Brushless Motor

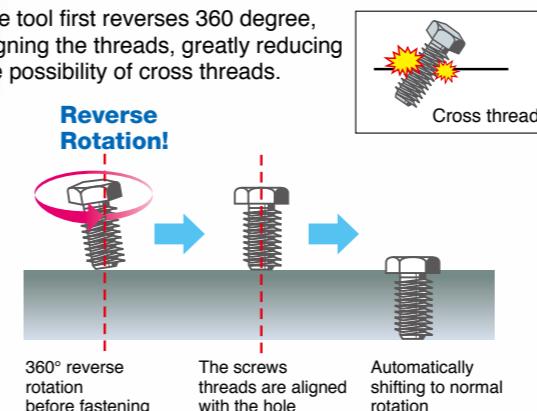
Compact and high-power brushless motor accomplishes heavy load applications.



Advanced Fastening Features

Cross Thread Reduction

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



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)

Additional Features

Ergonomic design by computing the best weighted center position



Tool Hanger

The tool can be hanged on the balancer both vertically and horizontally



Vertical hanging



Horizontal hanging

LED Light

Program LED to turn on with the trigger switch or ON/OFF switch to match operators preference



Tightening Confirmation Lamp

OK/NOK both visual and audible indicators.
(Buzzer ON/Off can be selected)



18V/21.6V Impact Wrench with Torque Control

Cordless Impact Wrench
EYFNA1C

18V



Brushless Motor

5.0Ah

*Battery pack is not included

Chuck size □ 12.7mm Square Drive Retainer ring and Pin-hole type

Application M12 (High-Tensile bolt), M14 (Normal, High-Tensile bolt)
M16 (Normal bolt), M18 (Normal bolt)

Maximum torque approx.470 N·m (M24 Tensile bolt, F mode, fastening 3sec.)
approx.520 N·m (M24 Tensile bolt, F mode, fastening 5sec.)

Shut-off range approx. 70–200 N·m

Torque setting 30 stage + F (without torque setting mode)

Snug torque detection mode setting 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) 0 ~ 1900

Impact per minute 0 ~ 2200

Weight*¹ (inc. battery) approx. 3.0kg

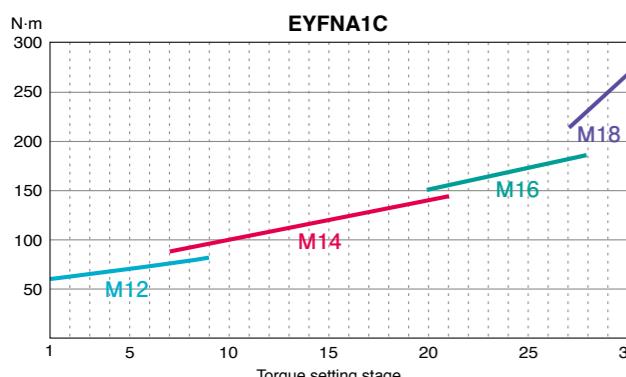
| | | |
|-------------|---------------|--|
| Size | Length | 233mm |
| | Height | approx. 286mm |
| | Width | approx. 77mm (Width of battery pack: approx. 76mm) |

| | | |
|-----------------|--|---|
| Function | Torque adjustment | ● |
| | Cross thread reduction | ● (The tool rotates approx. 360 degree in reverse before fastening starts. Possible to choose ON/OFF) |
| | Rundown error detecting | ● (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 - 99hours. 1hour per stage) |
| | 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) |
| | Battery indication lamp | ● (3 stage) |
| | Auto battery shut down | ● |
| | Work capacity / Fastening speed | <M12: 100 N·m, Stage: 13> approx.500pcs/pack |

| | |
|----------------------|---|
| Charging time | (Battery pack EYFB50B, Charger EY0L82B) Usable Charge: approx. 65 min. Full Charge: approx. 80 min |
|----------------------|---|

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

Tightening Torque Chart (for Reference Use)



The values illustrated on this chart were measured under Panasonic measuring condition 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>

18V Li-Ion Battery Pack
EYFB50B



(5.0Ah)

Charger
EY0L82B



Remote Control
EYFA31B



Protector for Battery
EYFA10-H (gray)



Tool Hanger
EYFA41B



Protector for Tool
EYFA09
-A (blue), -Y (yellow)
-H (gray), -G (green)



Cordless Impact Wrench
EYFPA1J

21.6V



Brushless Motor

4.2Ah

4.0Ah

*Battery pack is not included

| | | |
|-------------|---------------|--|
| Size | Length | 250mm |
| | Height | approx. 295mm |
| | Width | approx. 77mm (Width of battery pack: approx. 77mm) |

| | | |
|-----------------|--|--|
| Function | Torque adjustment | ● |
| | Cross thread reduction | ● (The tool rotates approx. 360 degree in reverse before fastening starts. Possible to choose ON/OFF) |
| | Rundown error detecting | ● (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 - 99hours. 1hour per stage) |
| | 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) |
| | Battery indication lamp | ● (3 stage) |
| | Auto battery shut down | ● |
| | Work capacity / Fastening speed | <M16: 180 N·m, Stage: 6> (EYFB60B) approx.450pcs/pack, approx. 0.7 sec/1pcs <M16: 180 N·m, Stage: 6> (EYFB61B) approx.380pcs/pack, approx. 0.7 sec/1pcs |

| | |
|----------------------|--|
| Charging time | (Battery pack EYFB60B, Charger EY0L82B) Usable Charge: approx. 65 min. Full Charge: approx. 85 min (Battery pack EYFB61B, Charger EY0L82B) Usable Charge: approx. 65 min. Full Charge: approx. 75 min |
|----------------------|--|

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

Tightening Torque Chart (for Reference Use)

EYFPA1J



The chart shows torque in N·m on the Y-axis (100 to 800) versus Torque setting stage on the X-axis (1 to 30). Four curves are plotted: M16 (red), M18 (blue), M20 (green), and M24 (purple). All curves show a linear increase in torque as the stage increases.

| Torque setting stage | M16 (N·m) | M18 (N·m) | M20 (N·m) | M24 (N·m) |
|----------------------|-----------|-----------|-----------|-----------|
| 1 | ~150 | ~150 | ~150 | ~150 |
| 5 | ~200 | ~200 | ~200 | ~200 |
| 10 | ~250 | ~250 | ~250 | ~250 |
| 15 | ~300 | ~300 | ~300 | ~300 |
| 20 | ~350 | ~350 | ~350 | ~350 |
| 25 | ~400 | ~400 | ~400 | ~400 |
| 30 | ~450 | ~450 | ~450 | ~450 |

Cordless Impact Wrench
EYFPA1J

21.6V



Brushless Motor

4.2Ah

4.0Ah

*Battery pack is not included

| | | |
|-------------|---------------|--|
| Size | Length | 250mm |
| | Height | approx. 295mm |
| | Width | approx. 77mm (Width of battery pack: approx. 77mm) |

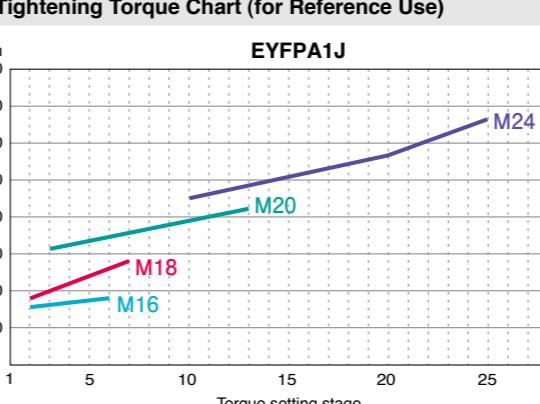
| | | |
|-----------------|--|--|
| Function | Torque adjustment | ● |
| | Cross thread reduction | ● (The tool rotates approx. 360 degree in reverse before fastening starts. Possible to choose ON/OFF) |
| | Rundown error detecting | ● (Alert with Red light. Possible to set between 0 ~ 3 sec.. 0.1 sec. per stage) |
| | Maintenance interval alarm function | ● (Possible to set between 0 - 99hours. 1hour per stage) |
| | 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) |
| | Battery indication lamp | ● (3 stage) |
| | Auto battery shut down | ● |
| | Work capacity / Fastening speed | <M16: 180 N·m, Stage: 6> (EYFB60B) approx.450pcs/pack, approx. 0.7 sec/1pcs <M16: 180 N·m, Stage: 6> (EYFB61B) approx.380pcs/pack, approx. 0.7 sec/1pcs |

| | |
|----------------------|--|
| Charging time | (Battery pack EYFB60B, Charger EY0L82B) Usable Charge: approx. 65 min. Full Charge: approx. 85 min (Battery pack EYFB61B, Charger EY0L82B) Usable Charge: approx. 65 min. Full Charge: approx. 75 min |
|----------------------|--|

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

Tightening Torque Chart (for Reference Use)

EYFPA1J



The chart shows torque in N·m on the Y-axis (100 to 800) versus Torque setting stage on the X-axis (1 to 30). Four curves are plotted: M16 (red), M18 (blue), M20 (green), and M24 (purple). All curves show a linear increase in torque as the stage increases.

| Torque setting stage | M16 (N·m) | M18 (N·m) | M20 (N·m) | M24 (N·m) |
|----------------------|-----------|-----------|-----------|-----------|
| 1 | ~150 | ~150 | ~150 | ~150 |
| 5 | ~200 | ~200 | ~200 | ~200 |
| 10 | ~250 | ~250 | ~250 | ~250 |
| 15 | ~300 | ~300 | ~300 | ~300 |
| 20 | ~350 | ~350 | ~350 | ~350 |
| 25 | ~400 | ~400 | ~400 | ~400 |
| 30 | ~450 | ~450 | ~450 | ~450 |

<Optional Accessory>

21.6V Li-Ion Battery Pack
EYFB60B, EYFB61B

EYFB60B
(4.2Ah)



EYFB61B
(4.0Ah)



Charger
EY0L82B



Remote Control
EYFA31B



Protector for Battery
EYFA08-H (gray)



Tool Hanger
EYFA41B



Protector for Tool
EYFA07
-A (blue), -Y (yellow)
-H (gray), -G (green)



Colors are limited to stock items 18

17

Cordless Shut-Off Angle Impact Wrench



Compact and slim right angle tool with advanced ergonomics to help improve your work efficiency

More Features

Paddle Switch

Long paddle switch provides options of grip position, center or back end.



Back end position provides more reach.



Center position provides better balance.



360° Rotating Head (90°step size)



Tool Hanger
The tool can be hanged on the balancer.



LED Light
For operations in dimly lit place.

14.4V

EYFB41

2.0Ah

EYFB42

4.2Ah

EYFB43

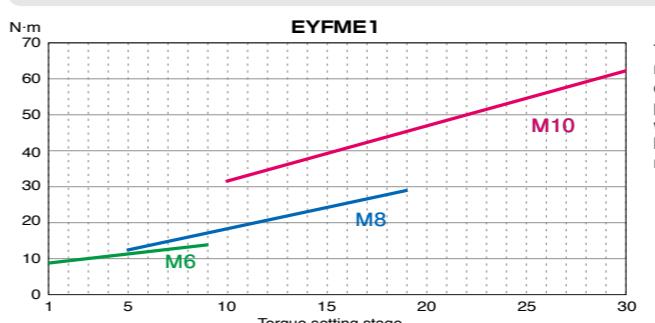
4.0Ah

Various Support Features



| Cordless Right Angle Impact Wrench | |
|--|---|
| EYFME1C | |
| 14.4V | Brushless Motor |
| 4.2Ah | |
| 4.0Ah | |
| 2.0Ah | |
| *Battery pack is not included | |
| Chuck size | Ø 9.5mm Square Drive Retainer ring and Pin-hole type |
| Application | M6 bolt (Tensile bolt), M8 bolt (Normal-Tensile bolt), M10 bolt (Normal bolt) |
| Maximum torque | approx. 80 N·m (M12 , F mode, fastening 3sec.) |
| Shut-off range | approx. 10 – 53 N·m |
| Torque setting | 30 stage + F (without torque setting mode) |
| Snug torque detection mode setting | 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) | 0 ~ 2300 |
| Impact per minute | 0 ~ 3500 |
| Weight*1 (inc. battery) | approx. 1.5kg (EYFB41B), approx. 1.7kg (EYFB43B-EYFB42B) |
| Length | 381mm (EYFB41B), 399mm (EYFB43B-EYFB42B) |
| Height | approx. 96mm (Height of battery pack: approx. 101mm) |
| Width | approx. 60mm (Width of battery pack: approx. 75mm) |
| Torque adjustment | ● |
| Cross thread reduction | ● (The tool rotates approx. 360 degree in reverse before fastening starts. Possible to choose ON/OFF) |
| Rundown error detecting | ● (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 ~ 99hours. 1hour per stage) |
| Retightening prevention function | ● (Possible to set between 0 ~ 0.9sec.. 0.1 sec. per stage) |
| 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) |
| Battery indication lamp | ● (3 stage) |
| Auto battery shut down | ● |
| Work capacity / Fastening speed | <M10: 53 N·m, Stage: 25> (EYFB41B) approx. 120 pcs/pack, approx. 2.2 sec/1pcs (EYFB42B) approx. 250 pcs/pack, approx. 2.2 sec/1pcs (EYFB43B) approx. 210 pcs/pack, approx. 2.2 sec/1pcs |
| Charging time | (Battery Pack EYFB41, Charger EYOL82B) Usable Charge: approx. 35min., Full Charge: approx. 40min (Battery Pack EYFB42, Charger EYOL82B) Usable Charge: approx. 50min., Full Charge: approx. 60min (Battery Pack EYFB43, Charger EYOL82B) Usable Charge: approx. 45min., Full Charge: approx. 60min |

Tightening Torque Chart (for Reference Use)



The values illustrated on this chart were measured under Panasonic measuring condition 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>

14.4V Li-Ion Battery Pack
EYFB43B, EYFB42B,
EYFB41B



EYFB43B
(4.0Ah)



EYFB42B
(4.2Ah)



EYFB41B
(2.0Ah)

Charger
EYOL82B



Charger
EYOL82B

Remote Control
EYFA31B



Remote Control
EYFA31B

Protector for Battery
EYFA04-H (gray)
EYFA06-H (gray)



EYFA04
(for EYFB42B
EYFB43B)

EYFA06
(for EYFB41B)



EYFA06
(for EYFB41B)

Tool Hanger
EYFA41B



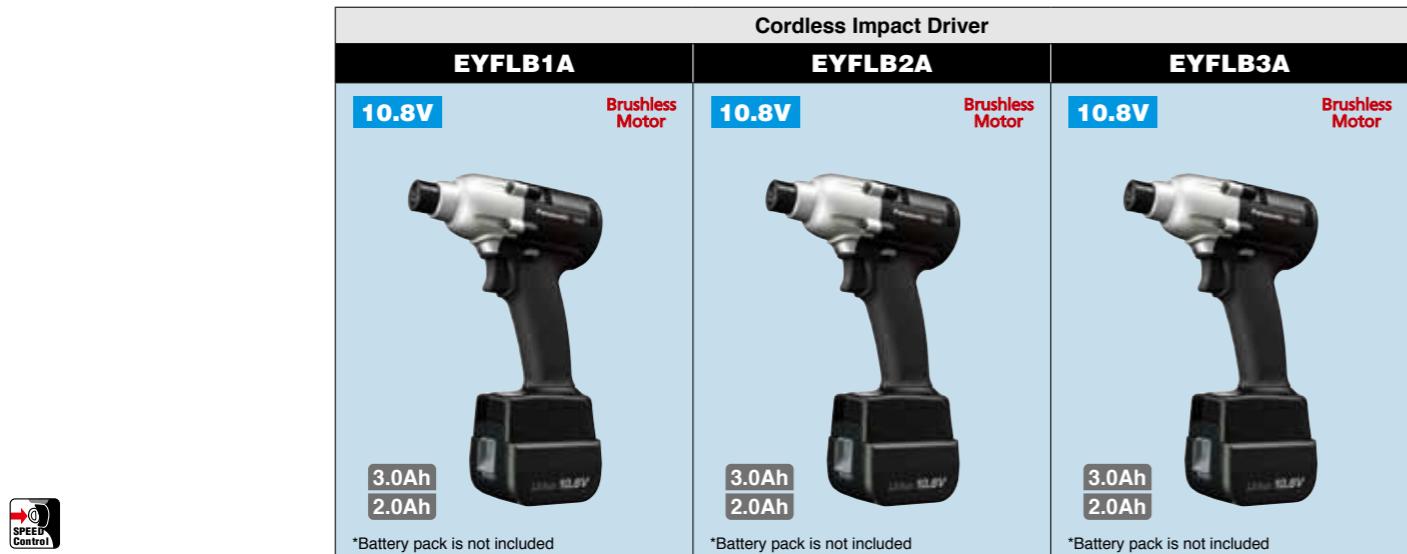
Tool Hanger
EYFA41B

Protector for Tool
EYFA12
-A (blue), -Y (yellow)
-H (gray), -G (green)



Colors are limited to stock items 20

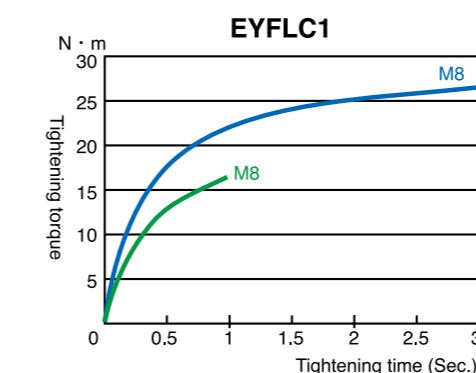
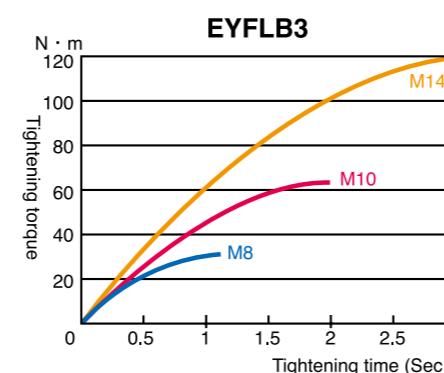
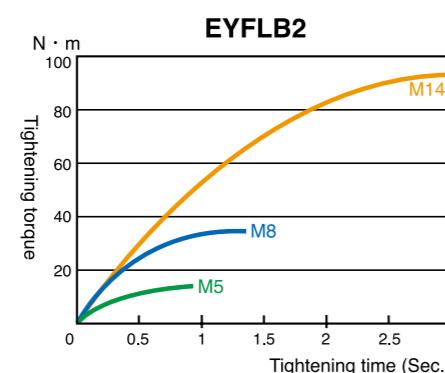
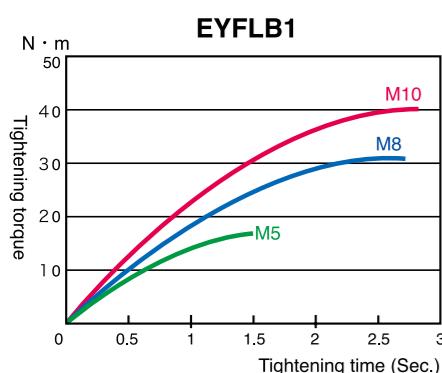
10.8V Impact Driver & Wrench without Torque Control



| | EYFLB1A | EYFLB2A | EYFLB3A | | | | |
|--|--|--|---|--|--|---|--|
| Chuck size | 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 |
| Application | 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) |
| Maximum torque (F mode, fastening 3 sec.) | 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) |
| No load speed (unit : rpm) | | 0 ~ 2300 | | | 0 ~ 2300 | | 0 ~ 3150 |
| Impact per minute | 0 ~ 4000 | 0 ~ 3600 | 0 ~ 3000 | | 0 ~ 3600 | 0 ~ 3000 | 0 ~ 1850 |
| Weight^{*1} (inc. battery) | EYFB30B approx. 1.3kg | EYFB32B approx. 1.15kg | | | approx. 1.3kg | approx. 1.4kg | approx. 1.45kg |
| Size | Length 158mm | | | | 164mm | 172mm | 158mm |
| Height | 248mm (EYFB30B), 231mm (EYFB32B) | | | | 248mm (EYFB30B), 231mm (EYFB32B) | | |
| Width | approx. 59mm (Width of battery pack: approx. 75mm) | | | | approx. 59mm (Width of battery pack: approx. 75mm) | | |
| Function | LED light ● (ON/OFF switch, Light off after five minutes automatically) | | | | ● (ON/OFF switch, Light off after five minutes automatically) | | |
| | Battery indication lamp ● (3 stage) | | | | ● (3 stage) | | |
| | Auto battery shut down ● | | | | ● | | |
| Work capacity / Fastening speed | <M6: 10 N·m> (EYFB30B) approx. 1150 pcs/pack approx. 0.7 sec/1pcs (EYFB32B) approx. 770 pcs/pack approx. 0.7 sec/1pcs | <M8: 23 N·m> (EYFB30B) approx. 740 pcs/pack approx. 0.8 sec/1pcs (EYFB32B) approx. 500 pcs/pack approx. 0.8 sec/1pcs | <M10: 43 N·m> (EYFB30B) approx. 480 pcs/pack approx. 0.9 sec/1pcs (EYFB32B) approx. 320 pcs/pack approx. 0.9 sec/1pcs | | <M8: 23 N·m> (EYFB30B) approx. 740 pcs/pack approx. 0.8 sec/1pcs (EYFB32B) approx. 500 pcs/pack approx. 0.8 sec/1pcs | <M10: 43 N·m> (EYFB30B) approx. 480 pcs/pack approx. 0.9 sec/1pcs (EYFB32B) approx. 320 pcs/pack approx. 0.8 sec/1pcs | <M6: 10 N·m> (EYFB30B) approx. 720 pcs/pack approx. 0.7 sec/1pcs (EYFB32B) approx. 480 pcs/pack approx. 0.7 sec/1pcs |
| Charging time | (Battery pack EYFB30B, Charger EY0L82B) Usable charge: approx. 35 min. Full charge: approx. 45 min (Battery Pack EYFB32B, Charger EY0L82B) Usable Charge: approx. 35 min. Full Charge: approx. 40 min | | | | (Battery pack EYFB30B, Charger EY0L82B) Usable charge: approx. 35 min. Full charge: approx. 45 min (Battery Pack EYFB32B, Charger EY0L82B) Usable Charge: approx. 35 min. Full Charge: approx. 40 min | | |

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

Tightening Torque Chart (for Reference Use)



The values illustrated on this chart were measured under Panasonic measuring condition 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>

10.8V Li-Ion Battery Pack
EYFB30B
EYFB32B



14.4V Precision Screwdriver



14.4V Screw Driver with Torque Control

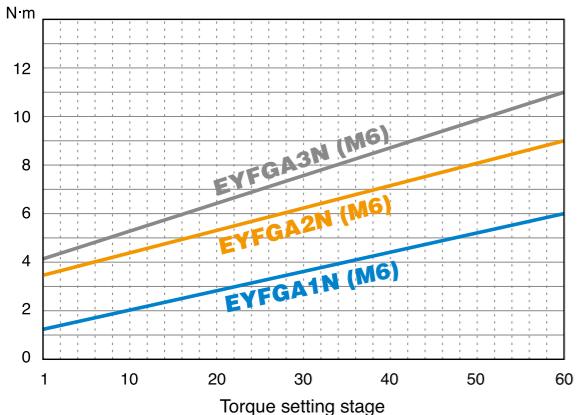
| Cordless Screwdriver | | | |
|---|--|---|---|
| EYFGA1N | EYFGA2N | EYFGA3N | |
| 14.4V | 14.4V | 14.4V | |
| Brushless Motor | Brushless Motor | Brushless Motor | |
| 4.2Ah 4.0Ah 2.0Ah | 4.2Ah 4.0Ah 2.0Ah | 4.2Ah 4.0Ah 2.0Ah | |
| *Battery pack is not included | *Battery pack is not included | *Battery 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 | $\pm 10\% \cdot Cmk \geq 1.67$ (*Compliant with ISO5393. Measured with the Max RPM setting)(*In $\geq 3\text{N}\cdot\text{m}$ range) | | |
| No load speed (unit: rpm) | 0 ~ 800 | 0 ~ 750 | 0 ~ 450 |
| Weight*¹ (inc. battery) | EYFB41B approx. 1.25kg | EYFB42B-EYFB43B approx. 1.5kg | approx. 1.3kg |
| Size (LxHxW) | EYFB41B 199mm × 232mm × 54mm (Width of battery pack: 75mm) | EYFB42B-EYFB43B 199mm × 249mm × 54mm (Width of battery pack: 75mm) | approx. 1.55kg |
| Function | Rotation speed adjustment (Max.RPM) Auto downshift function Cross thread reduction Rundown error detecting function Maintenance interval alarm function Wireless communication LED light Buzzer Tightening confirmation lamp Retightening prevention function Battery indication lamp Auto battery shut down | | |
| | ● (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 ● (Possible to choose the timing of auto downshift between 0 ~ 3 sec. 0.1 sec. per stage) ● (The tool rotates approx. 360 degree in reverse before fastening starts. Possible to choose ON/OFF) ● (Alert with Red light. Possible to set between 0 ~ 3 sec.. 0.1 sec. per stage) ● (Possible to set between 0 - 990,000 times. 10,000 times per stage) — ● (Possible to choose from the 2 LED light modes. by ON/OFF switch or trigger switch interlocked) ● (Possible to choose from the 3 buzzer modes, No buzzer, buzzer with OK or buzzer with NOK) ● (OK fastening: Green lamp. NOK fastening: Red lamp) ● (Fixed to 0.7 sec.) ● (3 stage) ● | | |
| Work capacity / Fastening speed | EYFB41B Hard Joint 30° Soft Joint 720° | EYFB42B Hard Joint 30° Soft Joint 720° | EYFB43B Hard Joint 30° Soft Joint 720° |
| | 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) |
| | 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) |
| | 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) |
| | 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) |
| | approx. 2320 pcs/pack approx. 1.1 sec./1pcs (M6: 5.5 N·m) | approx. 2020 pcs/pack approx. 1.0 sec./1pcs (M6: 8 N·m) | approx. 2150 pcs/pack approx. 1.0 sec./1pcs (M6: 10 N·m) |
| | approx. 1070 pcs/pack approx. 1.3 sec./1pcs (M6: 5.5 N·m) | approx. 860 pcs/pack approx. 1.3 sec./1pcs (M6: 8 N·m) | approx. 620 pcs/pack approx. 1.4 sec./1pcs (M6: 10 N·m) |
| Charging time | (Battery Pack EYFB41, Charger EY0L82B) Usable Charge: approx. 35min. Full Charge: approx. 40min (Battery Pack EYFB42, Charger EY0L82B) Usable Charge: approx. 50min. Full Charge: approx. 60min (Battery Pack EYFB43, Charger EY0L82B) Usable Charge: approx. 45min. Full Charge: approx. 60min | | |

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

Colors are limited to stock items 24

14.4V Screw Driver with Torque Control

Tightening Torque Chart (for Reference Use)



The values illustrated on this chart were measured under Panasonic measuring condition 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>

| | |
|--|---|
| 14.4V Li-Ion Battery Pack EYFB43B, EYFB42B, EYFB41B | Charger EY0L82B |
| EYFB43B (4.0Ah) EYFB42B (4.2Ah) EYFB41B (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 |
| | |



Battery Pack / Battery Charger - Compatibility Chart

| Model | Battery Pack | Charger |
|---|--|---------|
| 21.6V EYFPA1J | EYFB61B, EYFB60B (4.0Ah, 4.2Ah) | |
| 18V EYFNA1C | EYFB50B (5.0Ah) | |
| 14.4V EYFGA1N EYFGA2N EYFGA3N EYFMA1J EYFMA2C EYFME1C | EYFB43B, EYFB42B (4.0Ah, 4.2Ah) EYFB41B (2.0Ah) | |
| 10.8V EYFLA4A EYFLA5A EYFLA7A EYFLA8A EYFLB1A EYFLB2A EYFLB3A EYFLA6J EYFLB3J EYFLA9C EYFLA5Q EYFLA8C EYFLB2Q EYFLC1A | EYFB30B (3.0Ah) EYFB32B (2.0Ah) | |