

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. **3.0**kg

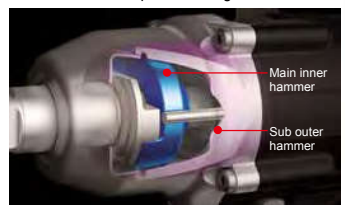
High Capacity
5.0Ah



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

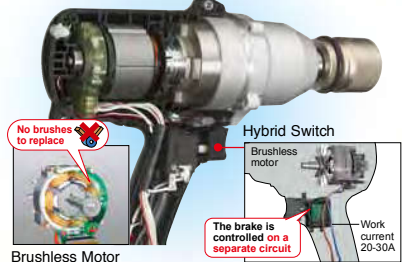
High-Efficient Double Hammer Block Mechanism

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

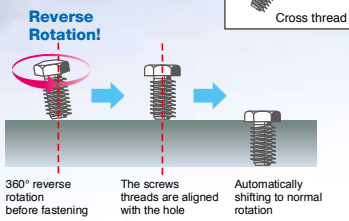
Compact and high-power brushless motor accomplishes heavy load applications.



Advanced Fastening Features

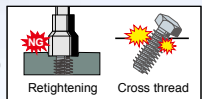
Cross Thread Reduction

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



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



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 hung on the balancer both vertically and horizontally



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)



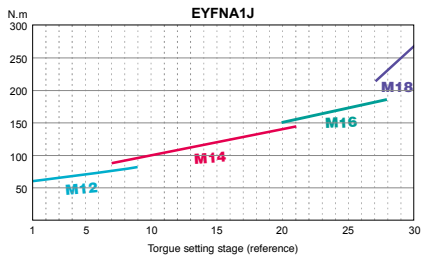
18V/21.6V Mechanical Pulse Tool with Torque Control



Cordless Mechanical Pulse Tool	
EYFNA1J	
18V	Brushless Motor
5.0Ah	*Battery pack is not included
Chuck size	<input type="checkbox"/> 12.7mm Square Drive 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)
Flush 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** (inc. battery)	approx. 3.0kg
Length	233mm
Height	approx. 286mm
Width	approx. 77mm (Width of battery pack: approx. 76mm)
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 - 990,000 times, 10,000 times 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



(High Capacity 5.0Ah)

Charger EY0L82B



Remote Control EYFA31B



Protector for Battery EYFA10-H (gray)



Tool Hanger EYFA41B



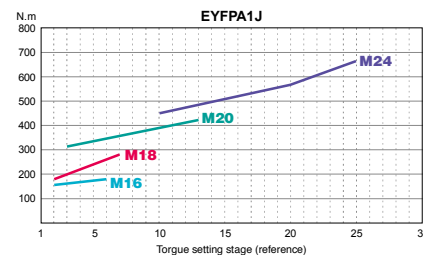
Protector for Tool EYFA09 -A (blue), -Y (yellow) -H (gray), -G (green)



Cordless Mechanical Pulse Tool	
EYFPA1J	
21.6V	Brushless Motor
4.2Ah	*Battery pack is not included
Chuck size	<input type="checkbox"/> 19mm Square Drive Pin-hole type
Application	M16 (High-Tensile bolt), M18 (Normal, High-Tensile bolt) M20 (Normal bolt), M24 (Normal bolt)
Maximum torque	approx. 700 N·m (M24 Tensile bolt, F mode, fastening 3sec.) approx. 750 N·m (M24 Tensile bolt, F mode, fastening 5sec.)
Shut-off range	approx. 160—650 N·m
Torque setting	30 stage + F (without torque setting mode)
Flush 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** (inc. battery)	approx. 3.6kg
Length	250mm
Height	approx. 295mm
Width	approx. 77mm (Width of battery pack: approx. 77mm)
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 - 990,000 times, 10,000 times 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> approx. 450pcs/pack
Charging time	(Battery pack EYFB60B, Charger EY0L82B) Usable Charge: approx. 65 min. Full Charge: approx. 85 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>

21.6V Li-Ion Battery Pack EYFB60B



(High Capacity 4.2Ah)

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)

