










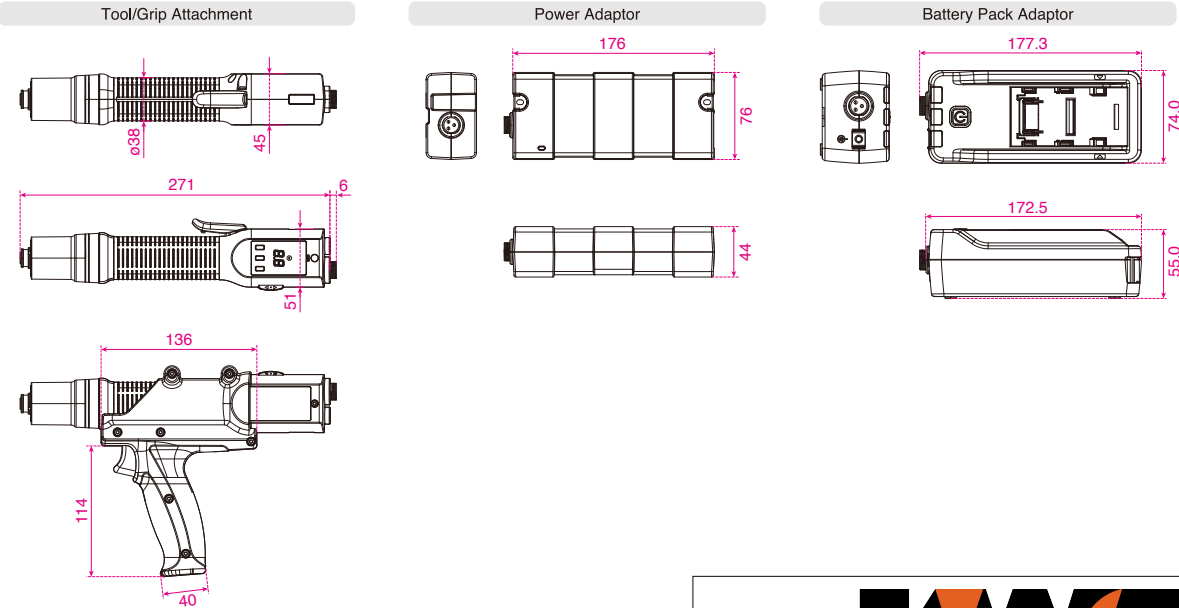


●Accessory Chart

			Type A		Type B		Type C		Type D	
Power Adaptor / Cord		EYSZP001B								
Battery Pack Adaptor		EYSZP002B								
2m Screwdriver Cord		EYSXC120B								
3m Screwdriver Cord		EYSXC130B								
Communication Cable		EYAXC230B								
Hanging Hook		EYSXA100B								
Clutch Cover		EYSXA101B								
Grip Attachment		EYSXA102B								
Mode setting button cover <i>(Available Summer 2024)</i>		EYSXA103B								
WLAN Controller		EYARW1B								
Controller Management Software <i>*Only for wireless capable models</i>		EYASW1B								

●Dimension



Panasonic®

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Panasonic Power Tools  
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Produced in Japan 12/2023  
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Panasonic

Factory Use Electric Screwdriver Series

EYADA212 / 218 / 407 Series  
EYSDA212 / 218 / 407 Series

DC Clutch  
Screwdriver  
from Panasonic  
Visualises your assembly quality

- Extensive lineup – 12 models
- Wide spec range (160-1,800min<sup>-1</sup>/0.3-4.4Nm)
- Wireless data record (Type A/B)
- Built-in controller/counter (Type A/B/C)
- Pokayoke OK/NOK LED Indication
- Lever/Push start convertible in one body





# Take your quality control to the next level with advanced technology

## Traceability

- Collect, keep and analyse work data with WLAN controller (Up to 8 tools wireless connection per one controller)

On-site work can be recorded.

Tool ID	Operator	Workpiece	Torque (Nm)	Status
001	John	Part A	1.20	OK
002	John	Part A	1.18	OK
003	John	Part A	1.22	OK
004	John	Part A	1.20	OK
005	John	Part A	1.18	OK
006	John	Part A	1.22	OK
007	John	Part A	1.20	OK
008	John	Part A	1.18	OK
009	John	Part A	1.22	OK
010	John	Part A	1.20	OK

Possible to leave the torque conversion value of the fastened screw  
\*Type A only

1.20Nm  
1.18Nm  
1.22Nm  
...



## Pokayoke

- Reduce the risk of fastening errors

OK / NOK Verification Lamp



Lights up green when the work is completed by the operated clutch.



Lights up in red when the work is finished with the clutch inactive.

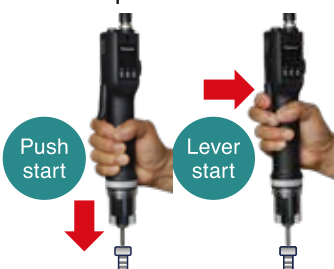
Built-in count-up or down indication to prevent missing fastenings



## User-Friendly

- Push / Lever start

Choice of push or lever start mode



- Space saving / Easy layout

No need of spacey separate counter



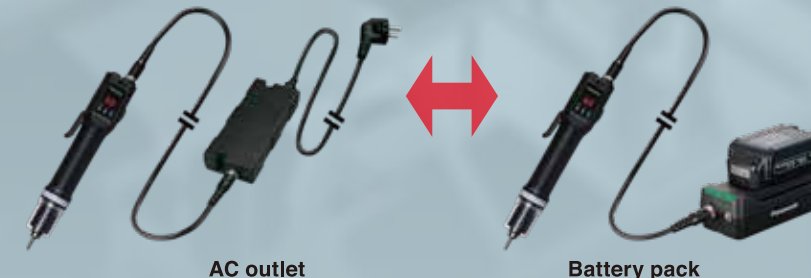
- Ergonomic design

Anti-slip ø38mm slim grip



## Additional Convenience

DC Electric Screwdriver with two kinds of power source



AC outlet

Battery pack







38mm

271mm

approx.  
**630g**  
Lightweight

Actual size

Product Lineup Choose from 12 models by type, torque, speed range and functionality

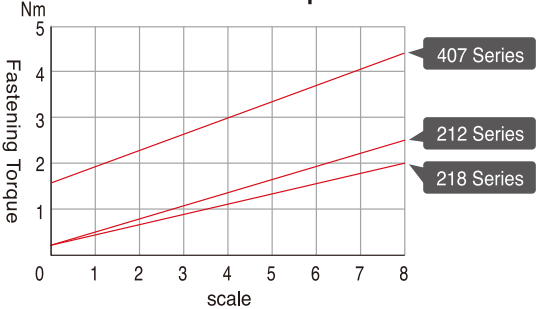
Type	Wireless A			Wireless B			Wired C			Basic D		
Model #	EYADA212WA	EYADA218WA	EYADA407WA	EYADA212WB	EYADA218WB	EYADA407WB	EYADA212XC	EYADA218XC	EYADA407XC	EYSDA212XD	EYSDA218XD	EYSDA407XD
Clutch torque setting range <small>*See below for details.</small>	0.3~2.5Nm	0.3~2.0Nm	1.5~4.4Nm	0.3~2.5Nm	0.3~2.0Nm	1.5~4.4Nm	0.3~2.5Nm	0.3~2.0Nm	1.5~4.4Nm	0.3~2.5Nm	0.3~2.0Nm	1.5~4.4Nm
Rated rotation speed <small>*Speed change possible with 10 different levels. See below for details.</small>	*(300~) 1,200min <sup>-1</sup>	*(450~) 1,800min <sup>-1</sup>	*(160~) 650min <sup>-1</sup>	*(300~) 1,200min <sup>-1</sup>	*(450~) 1,800min <sup>-1</sup>	*(160~) 650min <sup>-1</sup>	*(300~) 1,200min <sup>-1</sup>	*(450~) 1,800min <sup>-1</sup>	*(160~) 650min <sup>-1</sup>	1,200min <sup>-1</sup>	1,800min <sup>-1</sup>	650min <sup>-1</sup>
Traceability												
(Converted) Torque value output												
Data output method	Wireless (WLAN) 			Wireless (WLAN) 			Cable connection to PLC 					
Pokayoke												
Sequence function	Wireless (WLAN) 			Wireless (WLAN) 			Cable connection to PLC 					
Built-in count indication												
Soft start / Soft Snug function												
Verification LED lamp / Buzzer										No buzzer		
User-Friendly												
Push / Lever start choice												
Space saving /Easy layout												
Convenience												
Operation with battery pack												

Clutch scale and clutch torque

Manually rotate the clutch dial to the desired torque value referring to the approximate guidance output.



Guidance output

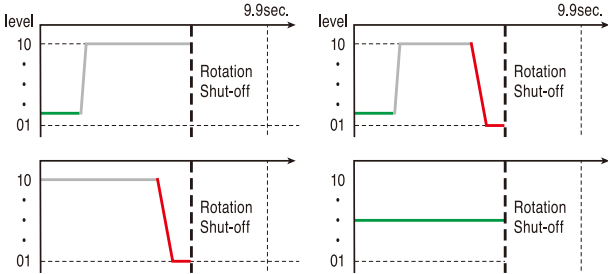


Multiple rotation speed setting options

With any mix of soft start and soft snug time, possible to set various rotation speed pattern according to your fastening requirement.  
\* within 9.9 seconds/fastening      \* not available in EYSDA models      \* Level 10 : rated rotation speed

Level	01	02	03	04	05	06	07	08	09	10
EYADA218	450	600	750	900	1,050	1,200	1,350	1,500	1,650	1,800
EYADA212	300	400	500	600	700	800	900	1,000	1,100	1,200
EYADA407	160	220	270	330	380	430	490	540	600	650

Soft start / Soft snug time setting example





## Traceability

Type **A** **B**

### Production site operation can be recorded

Data such as fastened count, fastened quality, torque converted value\* can be recorded, for quality check or daily report purposes.



### Record on-site work data wirelessly with WLAN controller

\* Type A only

### Recording the "converted" torque value of each fastening is possible

The motor current can be converted to torque value and recorded, for quality check or base data of process improvement.

1.20Nm  
1.18Nm  
1.22Nm  
...

\* Torque converted value is an estimated value. Use only for reference for tendency control etc. Not recommended for value certification.



### 'Controller Management Software' collects and analyzes work data up to 80 tools in your laptop

### Productivity improvement by operation analysis

Work data such as work time, OK/NOK result and reverse rotation history from rework can be collected and used for work analysis and/or as productivity index. The optional Controller Management Software can collectively analyze work data up to 10 controllers. In addition, work data can be output in CSV format for more detailed analysis.



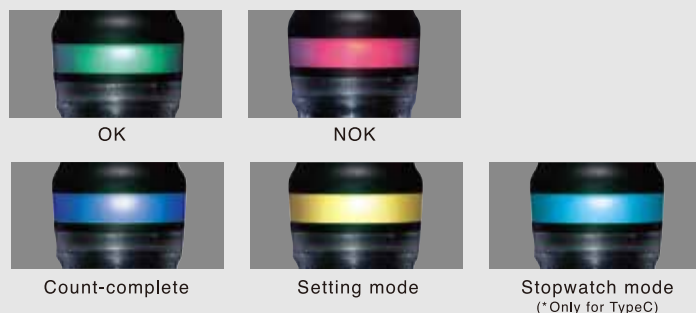
## Pokayoke

Type **A** **B** **C**

### Reducing work mistakes with the assistance of tool features (Screw count errors, manufacturing errors, etc)

### Verification Lamp

Screw fastening results can be checked visually by different colors indicated by the LED lamp.

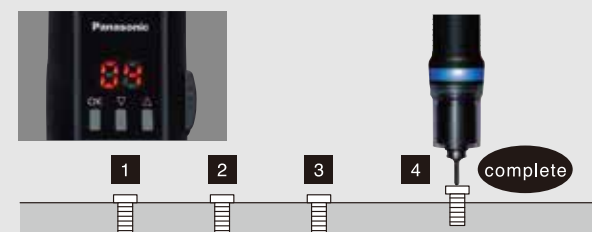


### Equipped with count function to prevent forgotten fastened screws

The number of fastens is managed by the counter in the tool.

\* count-up or count-down  
\* up to 99 fastens

Example: When fastening 4 screws

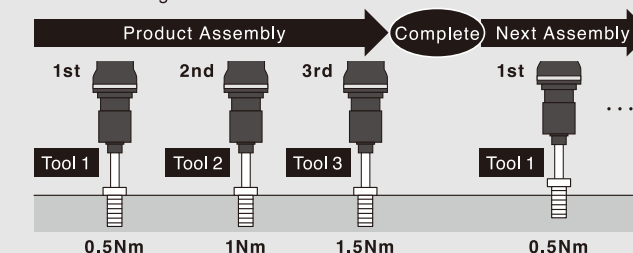


### Sequence function for using multiple tools in specific orders

According the sequence process, only the right tool is powered on.

\* Type A and B : set by WLAN controller  
\* Type C : set by PLC outside

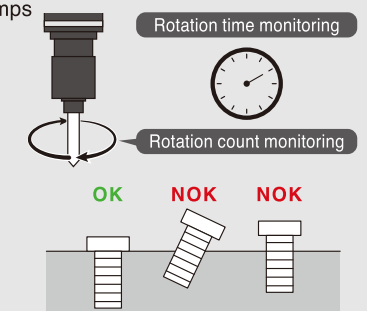
Ex.: When using 3 tools



The right tool is indicated in green. When the wrong tool is operated, it will display red and will not be powered on.

### Advanced fastening monitoring

Improve work quality by having control of the tool's rotation time and the threshold for the number of rotations when fastening screws. Work OK/NOK is displayed with LED colored lamps

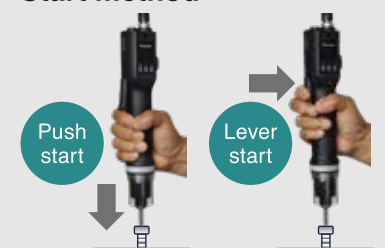


## User-Friendly

Type **A** **B** **C** **D**

### Working comfort / security

### Start method



Choice of push or lever start mode. Lever can be removed for push start mode.

### Grip attachment



**EYSXA102B**  
Convenience for horizontal or high torque fastening

### Clutch cover



**EYSXA101B**  
Minimizing tampering or accidental setting change

### Mode setting button cover

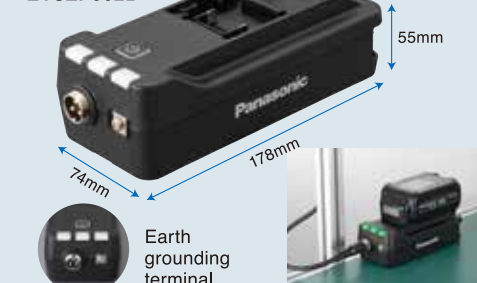


**EYSXA103B**  
Double security with tool hanger and screw

## Additional Convenience

Type **A** **B** **C** **D**

### Battery Pack Adaptor EYSZP002B

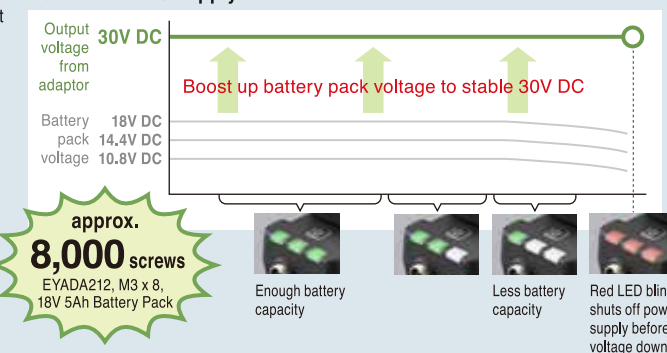


### Provide 'mobility' to DC Electric Screwdriver

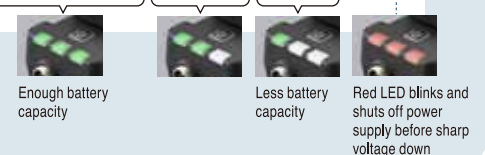
Free from AC power outlet by supplying stable 30V DC to Panasonic DC Electric Screwdriver.

Convenience for tentative trial/trim/rework, frequent layout change, or long reach requirement for large size products

### Stable 30V DC supply



approx. **8,000** screws  
EYADA212, M3 x 8, 18V 5Ah Battery Pack



# WLAN Controller EYARW1

## Maximum 8 tools simul taneous control capability



Note : EYARW1 is for dedicated use with Panasonic electric screwdriver, not for use with other Panasonic cordless models.  
Distinguish EYARW1 and EYARW2 (for other cordless models) , see model number in rating plate, or presence of RS232C interface port on the right side of controller.

### Various technologies for stable wireless communication

Recommended range  
approx **16m** 2.4GHz  
Recommended range  
approx **10m** 5GHz

- **Support for both 2.4GHz and 5GHz frequency**  
To avoid interference, the frequency can be selected according to the usage environment. There is also an auto channel function that automatically selects an empty channel.
- **High efficiency antenna design**  
Stable communication performance is achieved by the highly efficient antenna design (average -5dBi) of the diversity antenna on the controller and the transmission module on the tool. Demonstrates high performance with various tool positions and directions.
- **Safety function in case of communication disconnection**  
Work history data can be backed up in the tool and resent to the controller even when communication is temporarily disconnected, allowing work to continue.
- **High security**  
Communication data is encrypted and protected by TLS.

### Setting and viewing from a web browser

Tool/controller settings and work history data viewing can be done from a web browser. No software installation required on your PC.



By using the optional controller management software, data for up to 10 controllers (up to 80 tools) can be automatically collected and collectively managed.

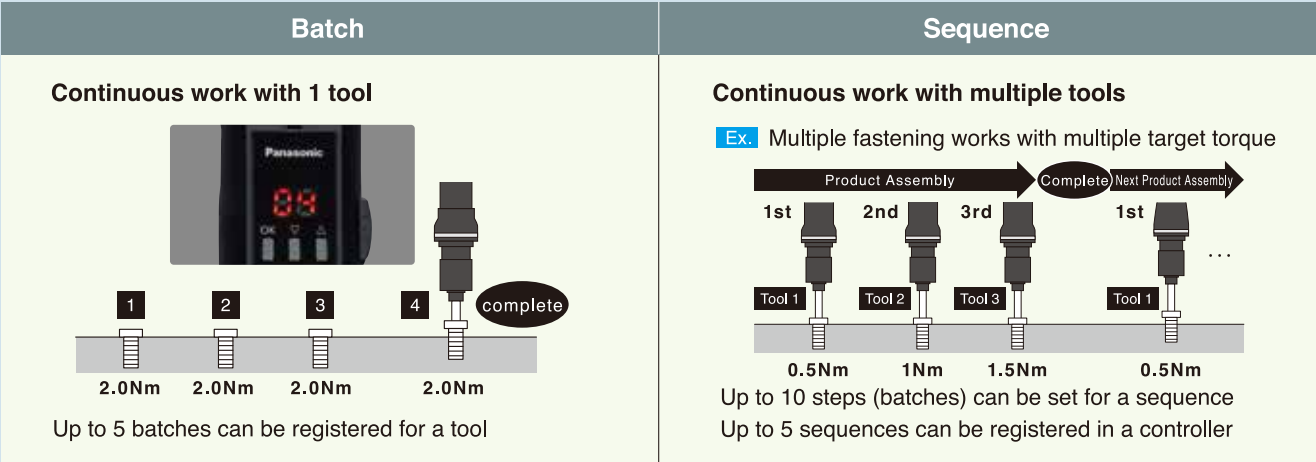


smart tools  
smart assembly

biuro@kwg.pl

www.kwg.pl

### Various control of tools is possible without external equipment



Model	EYARW1
Communication data	• OK/NOK • Converted torque result • Forward/Reverse • Number of rotation • Fastening time
AC Power adaptor (sold separately)	Input: AC100-240V 50-60Hz Output: DC24V/1.0Ah
Communication method	WLAN (IEEE802.11a/b/g/n)
Frequency band	(European nations, Turkey, Malaysia, Indonesia, Thailand, India) 2.412-2.472GHz / 5.180-5.240GHz (United States, Canada, China) 2.412-2.462GHz / 5.180-5.240GHz
Channel	(European nations, Turkey, Malaysia, Indonesia, Thailand, India) 2.4GHz band: 1ch – 13ch / 5GHz band: 36,40,44,48ch (United States, Canada, China) 2.4GHz band: 1ch – 11ch / 5GHz band: 36,40,44,48Ch
Recommended range	2.4GHz band: *approx. 16m / 5GHz band: *approx. 10m
No. of connectable devices	Maximum 8 tools
Input/output terminal (I/O)	Input: 8 / Output: 8
Power consumption	approx. 30W
Dimensions (LxHxW)	approx. 239mm x approx. 150mm x approx. 41mm (Hight including antenna: approx. 281mm)
Weight	550g (Main body only)
Communication interface	• Ethernet x 2 • USB-A x 1
Communication protocol	–
Data storage	Approx. 200,000 history data
Optional accessory	• Controller stand • AC adapter
Compatible tools	EYADA212WA, EYADA212WB, EYADA218WA, EYADA218WB, EYADA407WA, EYADA407WB

\* Communication range varies with operating environment.  
The presence of metal walls, people, or other objects may result in decreased range.

#### <Optional Accessory>

Controller stand  
WEYFRW1F7001



AC Power adaptor  
EU: WEYFRW1K7751  
UK: WEYFRW1K7851





●Screwdriver Configuration



●Rated Specification <Screwdriver>

Type A	EYADA212WA	EYADA218WA	EYADA407WA
Type B	EYADA212WB	EYADA218WB	EYADA407WB
Type C	EYADA212XC	EYADA218XC	EYADA407XC
Type D	EYSDA212XD	EYSDA218XD	EYSDA407XD
Power supply	Power adaptor EYSZP001 (sold separately) Input : AC100-240V 50/60Hz    Output : DC30V/3A		
Motor	Brushless motor (coreless type, DC30V)		
Chuck / Bit shank	One-touch bit lock system applicable bit (6.35 mm hexagonal shank, single head 9-13 mm, double head 12-17.5 mm)		
Start Method	Push start / Lever start (convertible)		
Torque setting range	Approx: 0.3-2.5Nm (*adjustable in 96 steps)	Approx: 0.3-2.0Nm (*adjustable in 96 steps)	Approx: 1.5-4.4Nm (*adjustable in 96 steps)
Recommended work	Small screw: M2.5 to M4.5	Small screw: M2.5 to M4	Small screw: M3.5 to M5
Rated rotation speed	1200 rpm	1800 rpm	650 rpm
Weight	Approx. 630g		
Size	Total length 271mm, grip diameter ø38mm		
Others	• Forward/reverse rotation switching    • Brake ON/OFF setting (excl. Type D)		

●Main Function Chart

	Type A	Type B	Type C	Type D
Notification	√ (Verification LED, buzzer)			√ (Verification LED)
Number count	√ (Count method setting, count return setting, ignore judgment setting, ignore count setting, count-complete judgment standby setting, count reset)			N/A
Judgment of screw fastening	√ (Upper / lower limit setting of rotation time and number of rotations)		√ (Upper / lower limit of rotation time)	N/A
	√ (Upper/lower limit setting of torque conversion value)	N/A	N/A	N/A
Screw fastening support	√ (Soft start setting, soft snug setting, prohibition of additional fastening setting)			N/A
	N/A		√ (Rotation automatic stop setting)	N/A
Sequence control	√ (WLAN Controller)		√ (PLC etc.)	N/A
Data communication	√ (Wireless / WLAN IEEE802.11a/b/g/n)		√ (Wired / Communication cable connection)	N/A

●Rated Specifications <Battery Pack Adaptor>

Function	Battery level LED, Battery protection (dead battery lamp, high battery temperature indicator lamp), Auto-off function, Wall-mountable (bracket included)				
Power supply	Output DC 30V/3A, 1 terminal *for connection with screwdriver cord (EYSXC120B/130B)				
Size/Weight *	Length 178 x Height 55 x Width 74mm/440g (only main body)				
Height with applicable battery pack *	EYFB50 (18V 5Ah) 105mm		EYFB43 (14.4V 4Ah) 104mm		EYFB30 (10.8V 3Ah) 104mm
	EY9L54 (18V 5Ah) 105mm		EY9L47 (14.4V 2Ah) 84mm		EYFB32 (10.8V 2Ah) 86mm
	EY9L53 (18V 3Ah) 87mm		EYFB41 (14.4V 2Ah) 86mm		
Capacity reference* (with full charge)			212 series Machine screw M3×8	218 series Machine screw M3×8	407 series Machine screw M3×8
					407 series Machine screw M5×8
	EYFB50	18V 5Ah	8,000 pcs	8,100 pcs	7,900 pcs
	EYFB30	10.8V 3Ah	2,800 pcs	2,900 pcs	2,800 pcs

√ : Available    \* : Numbers are approx.