

Professional Cordless Power Tools

Panasonic



14.4V / 18V

Use 14.4V or 18V power!

Li-ion
S 4.2Ah

TOUGH IP™

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PROFESSIONAL POWER TOOLS

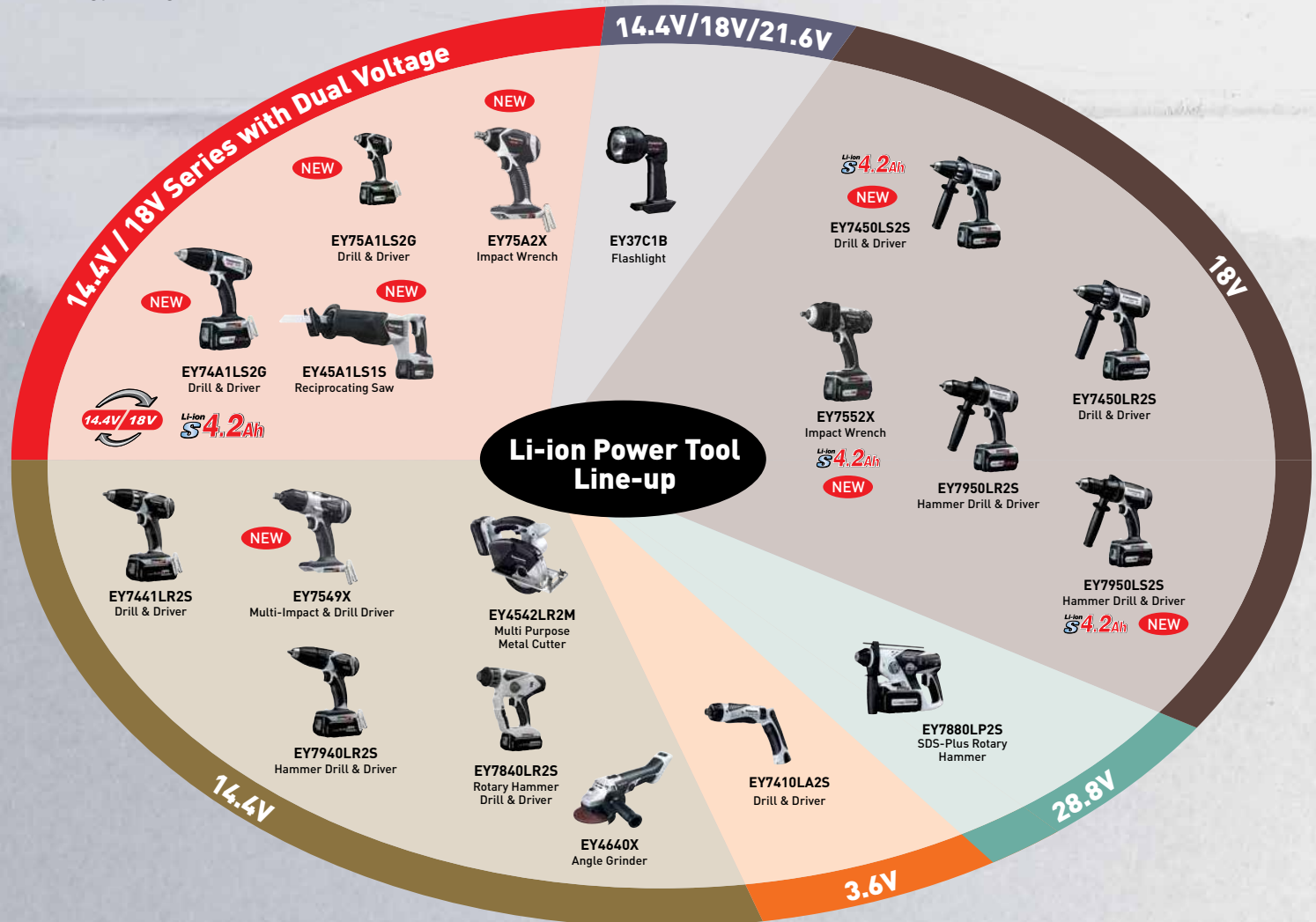
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Professional Power Tool Line-Up

Panasonic introduces the latest technology in digital cordless tools.





Tough Tools for Tough Conditions



Dust Protection Level 5

Test

The IP standard test is administered by the International Electrotechnical Commission (IEC), to test the level of protection that a product offers against water and dust. The products are subjected to a very thorough examination to test their capabilities in the toughest conditions imaginable before they are allowed to carry the IP rating.

Tested not in motion in accordance with IP56 of International Standard, IEC 60529. The rating of IP56 qualifies this tool for the minimum impact of water or dust, but not for the assurance of performance in such conditions. See Safety and Operating Instructions for further details for proper operation.



Water Protection Level 6



Dust Protection Test

The tool is subjected to heavy dust and then checked to ensure it continues to function properly.



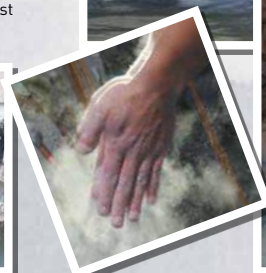
Water Protection Test

The tool is subjected to powerful water jets and then checked to ensure it continues to function properly.

Conditions

Many things can happen at a job site; such as unexpected incidents, water contact, or exposure to dust, which can cause a tool to malfunction. Also, with more electronics in power tools, it's important to protect them from dust and moisture.

By incorporating the Tough IP technology, it reassures that Panasonic cordless tools perform at their best in most difficult situations.



Results

Panasonic cordless tools are designed with protection features and have attained level IP56. These results show Panasonic's on-going commitment to the industry by providing customers with innovative products that work in the toughest job conditions.

International Protection Code classifies the degree of protection provided against intrusion of solid foreign objects and liquids in electrical machinery and fixtures as defined by IEC standards.

IP56



Dust Resistance Level indicates the degree of protection provided against the intrusion of solid foreign objects using a scale of six levels.

Level	Brief description
1	Protected against solid foreign objects of 50mm Ø and greater
2	Protected against solid foreign objects of 12.5mm Ø and greater
3	Protected against solid foreign objects of 2.5mm Ø and greater
4	Protected against solid foreign objects of 1.0mm Ø and greater
5	Dust protected
6	Dust-tight

Water Resistance Level Indicates the degree of protection provided against the intrusion of water associated with harmful effects using a scale of eight levels.

Level	Brief description
1	Protected against vertically falling water drops
2	Protected against vertically falling water drops when enclosure tilted up to 15°
3	Protected against spraying water
4	Protected against splashing water
5	Protected against water jets
6	Protected against powerful water jets
7	Protected against the effects of temporary immersion in water
8	Protected against the effects of continuous immersion in water

Tough. Durable. Innovative. Cordless Tools with high-end features.

Panasonic has developed intelligent power tools to increase task efficiency as well as operate in tough conditions of various jobsites. Panasonic continues to evolve its technology and provide tools that meet any type of job requirements.



As a result of dust and water resistant technologies, these tools comply with International Protection standards.



Switch

An additional rubber cap seals the switch and protects it against dust and water.

Electronic Circuit

The electronic circuits and battery pack are protected to withstand water and dust.

Battery

The battery cells are designed to protect against moisture and keep performing at their best.



Tough Environmental Conditions

- Dust Resistance
- Water Resistance

IP56

Task Efficiency Innovation

- Work Speed
- Comfortable
- Convenience

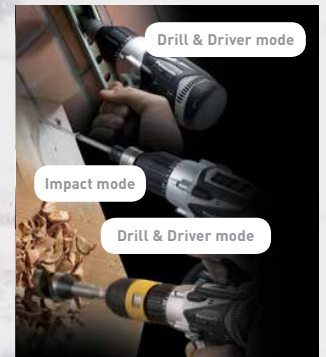
High power/high speed drilling/cutting



Easy-to-hold, ergonomic design



Multi-task with a single tool



Long-lasting, Brushless Motor

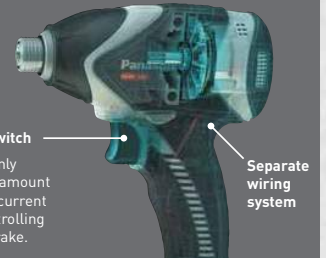
No Brushes! Replacement is not necessary.



Electronic switch

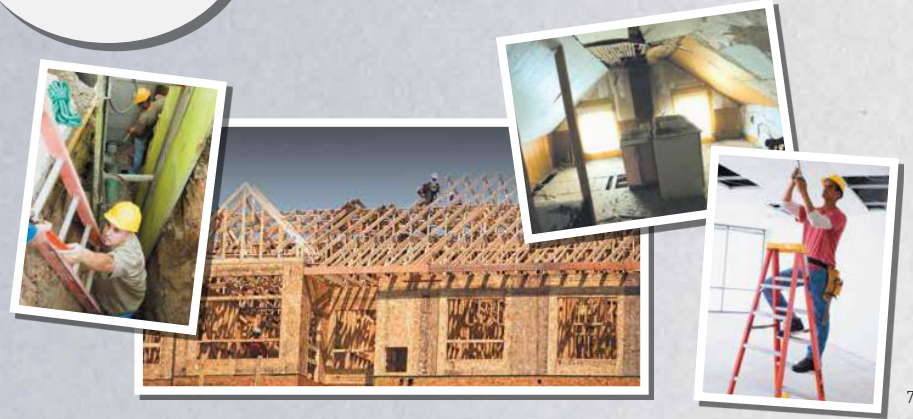
The switch only requires the amount of electrical current used for controlling speed and brake.

Separate wiring system



Tough Usage

- High Durability
- Long Life
- High Capacity



**Li-ion
S 4.2Ah**

Panasonic's Lithium Nickel 4.2Ah Battery Pack! Durable, Lightweight and Extended Run Time.

Approx. 27%
More working capacity per charge



**Li-ion
S 4.2Ah**
18V EY9L51B
Li-ion S type

120 holes



**Li-ion
R 3.3Ah**
18V EY9L50B
Li-ion S type

95 holes

Holes in Yellow Pine dia. 11/16" x t=4-3/4" *Drill & Driver 18V EY74A1

4.2Ah Li-ion Battery = Longer Battery Capacity



Driving 340 pcs
[Spax screw dia. 5/16" x 3-5/32"]
*Drill & Driver 18V EY74A1



Bolting 350 pcs
[M12 x 1 t=3/8"]
*Impact Wrench 18V EY75A2



Cutting yellow pine 80 pcs
*Reciprocating Saw 18V EY45A1



Total Performance (Index comparison. 14.4V N type battery at 100%)

	18V EY9L51B Li-ion S type	205
	14.4V EY9L45B Li-ion S type	170
	18V EY9L50B Li-ion R type	167
	14.4V EY9L44B Li-ion R type	133
	14.4V EY9L41B Li-ion Z type	125
	14.4V EY9L40B Li-ion N type	100

The new battery packs offer protection, durability and are long lasting.

Monitoring of Individual Battery Cells

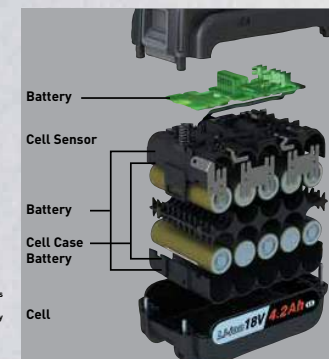
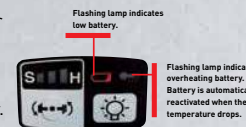
Each 3.6V segment is monitored by a sensor to ensure optimal discharge control, preventing overcharging and overdischarging.

Overdischarge Prevention Sensor

A sensor works to prevent overdischarging (discharge of the battery until voltage falls below a minimum threshold), a disadvantage inherent to lithium ion cells.

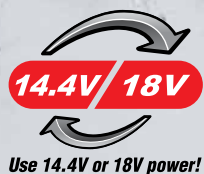
Battery Overheat Protection Sensor

A temperature sensor cuts off power to the motor before the battery temperature rises to a harmful level and flashes a warning lamp on the tool's control panel to notify the user.



Dual Voltage Technology

Versatility, High Performance
and Extreme Run Time!



Dual Voltage Circuit



The circuit detects battery voltage, controls the proper current and delivers the correct voltage flow to the tool for best performance



14.4V
It's easier to use,
lightweight and compact



18V
Increases application speed
and working capacity



The new series with Dual Voltage Technology is compatible
with current **18V and 14.4V Li-ion battery packs.**

18V



14.4V



The new series with dual voltage line up



EY74A1LS2G
Drill & Driver



EY75A1LS2G
Impact Driver



EY75A2X
Impact Wrench



EY45A1LS1G
Reciprocating Saw

Impact Driver

Brushless Motor with
3-Speed Ranges for
Increased Control

Li-ion
4.2Ah

18V

Faster and long lasting

14.4V

Easier to handle in
narrow space

Impact Wrench

Brushless Motor with 3-Speed Ranges, 1/2" Square Drive with
1/4" Quick Change Adapter

Li-ion
4.2Ah

18V

Faster and long lasting

14.4V

Easier to handle

EY75A1LS2G / EY75A1X

Li-ion
4.2Ah

14.4V/18V

Brushless
Motor

TOUGH IP

Cordless Impact Driver Kit

Dual Voltage Technology

- Dual voltage ready
- High capacity 4.2Ah Li-ion battery
- Compact size (L x H x W): 5-5/8" x 9-17/32" x 2-13/32"
- Light weight (incl. Battery): 3.53 lbs.
- High power: 1,370 in. lbs.
- Variable speed/reversible
- Brushless motor and hybrid switch
- 3 Speeds (High/Medium/Low)
- 1/4" Hex quick connect chuck
- Charging Time (using EY0L82B charger)*: Usable: 55 minutes Full: 70 minutes
- Electric brake
- LED work light
- Belt hook
- Kit includes 1 - EY75A1, 2 - (EY9L51B) 4.2Ah 18V Li-ion Batteries, 1 - (EY0L82B) Charger, and Case

Tool Specs

	High/Hard Mode	Medium Mode	Low/Soft Mode
Max. Torque	1,370 in. lbs.*1	1,150 in. lbs.*1	230 in. lbs.*2
Speed at No Load	0 - 2,500 rpm	0 - 1,400 rpm	0 - 1,000 rpm
Impact/min.	0 - 3,000 ipm	0 - 2,800 ipm	0 - 2,000 ipm

*1 M14 High tensile bolt tightening for 3 sec. *2 M10 High tensile bolt tightening for 3 sec.

TYPICAL APPLICATION

- Air Conditioning Installation
- Assemble and Disassemble Scaffolding
- Automotive Repair and Maintenance
- Long Wood Screw/Lag Screw Fastening



EY75A1X: Battery pack and battery charger are not included.

EY75A2X

Li-ion
4.2Ah

14.4V/18V

Brushless
Motor

TOUGH IP

Cordless Impact Wrench

Dual Voltage Technology

- Dual voltage ready
- Compact size (L x H x W): 6-1/8" x 9-17/32" x 2-13/32"
- Light weight (incl. Battery): 3.75 lbs.
- High power: 1,815 in. lbs.
- Variable speed/reversible
- Brushless motor and hybrid switch
- 3 Speeds (High/Medium/Low)
- 1/2" Square chuck
- Charging Time (using EY0L82B charger)*: Usable: 55 minutes Full: 70 minutes
- Electronic performance monitoring system
- Electric brake
- LED work light
- Belt hook
- Accepts Panasonic 18V and 14.4V Li-ion packs

Tool Specs

	High/Hard Mode	Medium Mode	Low/Soft Mode
Max. Torque	1,810 in. lbs.*1	1,240 in. lbs.*2	440 in. lbs.*3
Speed at No Load	0 - 2,300 rpm	0 - 1,400 rpm	0 - 1,000 rpm
Impact/min.	0 - 3,500 ipm	0 - 2,800 ipm	0 - 2,000 ipm

*1 M16 High tensile bolt tightening for 3 sec. *2 M14 High tensile bolt tightening for 3 sec.

*3 M10 High tensile bolt tightening for 3 sec.

TYPICAL APPLICATION

- Bolt + Nut fastening
- Assemble and Disassemble Scaffolding
- Long Wood Screw/Lag Screw Fastening



EY75A2X: Battery pack and battery charger are not included.

Standard Accessory
1/4" hex quick
change chuck
EY9HX111E

High Torque Impact Wrench

470 Nm (346 ft. lbs.) High Torque Impact,
1/2" Square Drive, Compact & Light Weight

EY7552LS2S / EY7552X

Cordless High Torque Impact Wrench Kit

18V

- High torque output 470 Nm (346 ft. lbs.)
- Twin Hammer design for durability, speed & size
- Faster working speed than single hammer designs
- 1/2" Square drive with friction ring and through hole design
- Low vibration and noise level
- Variable speed trigger/reversible
- Electric brake
- Battery level indicator
- 4.2Ah High capacity 18V Li-ion battery
- Compact size (L x H x W): 8-7/16" x 9-15/16" x 3-1/16"
- Light weight (incl. Battery): 5.7 lbs.
- Charging Time (using EY0L82B charger): Usable: 55 minutes Full: 70 minutes
- Kit includes 1 - EY7552, 2 - (EY9L51B) 4.2Ah 18V Li-ion Batteries, 1 - (EY0L82B) Charger

Tool Specs	
Max. Torque	470 Nm [346 ft. lbs.]
Speed at No Load	0 - 1,550 rpm
Impact/min.	0 - 2,400 ipm

TYPICAL APPLICATION

- Construction
- General Industry
- Automotive/Truck Repair and Maintenance
- HVAC
- Maintenance
- Recreational Vehicles



EY7552X: Battery pack and battery charger are not included.

Multi-Impact & Drill Driver

From driving to drilling holes... A single tool can do it all.

Impact Wrench

Impact Driver

Drill & Driver

EY7549X

Cordless Multi-Tool Impact & Drill Driver

14.4V

- Multi-function tool
- 1/4" Hex Impact Driver
- 1/2" Impact Wrench
- 2 Speed Drill Driver
- High capacity 14.4V 4.2Ah Li-ion battery (optional)
- 1/2" Square drive with ball detent
- 1/2" Detachable keyless chuck (EY9X003E [included])
- 1/4" hex quick change adapter (EY9HX111E [included])
- 2 Speed variable speed drill with 21 stage adjustable clutch (Approx.): 6.2 in. lbs. - 38.9 in. lbs.
- High power: Impact Mode: 1327 in. lbs. Drill & Driver Mode: 230 in. lbs.
- Variable Speed/Reversible:
- Impact Mode: 0-2,350 rpm
- Drill & Driver Mode: High 180-1,200 rpm Low: 60-380 rpm
- Impact/min.: 0-3,200 ipm in Impact Mode
- Electric brake
- LED work light
- Belt hook
- Low battery indicator
- Compact size (L x H x W): 8-9/32" x 9-3/16" x 2-1/16" (square drive)
- Light weight (incl. Battery): 4.07 lbs. (square drive) 4.52 lbs. (with keyless chuck)
- Charging Time (using EY0L82B charger): Usable: 50 minutes Full: 60 minutes

TYPICAL APPLICATION

- Construction
- General Industry
- Heavy Equipment/Off Road
- Automotive Repair and Maintenance
- HVAC
- Maintenance
- Recreational Vehicles



EY7549X: Battery pack and battery charger are not included.

Standard Accessory
1/2" Detachable
keyless chuck

EY9X003E

Standard Accessory
1/2" Square drive
to 1/4" hex quick
change adapter

EY9HX111E

Drill & Driver

High Speed Performance, Compact and Lightweight

18V

Increases application speed
and working capacity

Li-ion
S4.2Ah

14.4V

Easy to use, lightweight and compact

EY74A1LS2G / EY74A1X

Li-ion
S4.2Ah

14.4V/18V

TOUGH IP™

Cordless 1/2" Drill & Driver Kit

Dual Voltage Technology

- Dual voltage – accepts either 14.4V or 18V Panasonic Li-ion batteries
- High capacity 4.2Ah Li-ion battery
- Compact size (L x H x W): 8" x 9-13/32" x 2-5/16"
- Light weight (incl. battery): 4.30 lbs.
- Variable speed/reversible: Low: 80-600 rpm High: 220-1,750 rpm
- Clutch Torque (Approx.): 4.3-39 in. lbs. (2.0 in. lbs. per stage, total 18 stage)
- 1/2" Heavy duty keyless chuck
- Charging Time (using EY0L82B charger)*: Usable: 55 minutes Full: 70 minutes
- Electric brake
- LED work light
- Low battery indicator
- Kit includes 1 - EY74A1, 2 - (EY9L51B) 4.2Ah 18V Li-ion Batteries, 1 - (EY0L82B) Charger, and Case
- Max. Drill Diameter: in Wood: dia. 1-3/8" in Metal: dia. 1/2"
- Max. Screws Driving: Wood screw: dia. 9/32" Self-drilling screw: dia. 1/4"

TYPICAL APPLICATION

- General Construction
- Plumbing
- Finishing Carpentry
- Electric Installation Work



EY74A1X. Battery pack and battery charger are not included.

High speed drilling and more working capacity with 18V power!

*Comparison of application speed. dia.11/16" x 4-3/4" (wood drilling with high mode)

NEW EY74A1LR (18V)

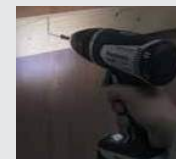
EY7441LR (14.4V)

Faster!!

(Approx. 20% less time)

*The reference above shows value based on internal test, and there may be some difference on conditions and so on.

Compact, Easy-to-use



LED Light



Belt Hook



Ergonomic design reduces fatigue

*Charging times are approximate and may be slightly longer depending on conditions.

EY7450LS2S ^{Li-ion} 4.2Ah EY7450LR2S ^{Li-ion} 3.3Ah

TOUGH IP™

Cordless 1/2" Drill & Driver Kit

18V

- High capacity **EY7450LS2S** 4.2Ah Li-ion battery
- Compact size (L x H x W): 8-9/16" x 9-3/4" x 2-1/2"
- Light weight (incl. battery): **EY7450LS2S** 4.70 lbs.
- High power: **EY7450LS2S** 505 in. lbs.
- Variable speed/reversible: Low: 50-430 rpm High: 160-1,650 rpm
- Clutch Torque (Approx.): 8.8-61.0 in. lbs. (3.0 in. lbs. per stage, total 18 stage)
- 1/2" Heavy duty keyless chuck
- Charging Time (using EY0L82B charger)*:
 - EY7450LS2S** Usable: 55 minutes Full: 70 minutes
 - EY7450LR2S** Usable: 40 minutes Full: 55 minutes
- Electric brake
- LED work light
- Low battery indicator
- **EY7450LS2S** Kit includes 1 - EY7450, 2 - (EY9L51B) 4.2Ah 18V Li-ion Batteries, 1 - (EY0L82B) Charger, and Case.
- **EY7450LR2S** Kit includes 1 - EY7450, 2 - (EY9L50B) 3.3Ah 18V Li-ion Batteries, 1 - (EY0L82B) Charger, and Case.
- Max. Drill Diameter: in Wood: dia. 1-7/16" in Metal: dia. 1/2"
- Max. Screws Driving: Wood screw: dia. 5/16" Self-drilling screw: dia. 1/4"



TYPICAL APPLICATION

- General Construction
- Finishing Carpentry
- Plumbing
- Electric Installation Work

EY7441LR2S

^{Li-ion} 3.3Ah **TOUGH IP™**

Cordless 1/2" Drill & Driver Kit

14.4V

- High capacity 3.3Ah Li-ion battery
- Compact size (L x H x W): 7-5/8" x 9-1/8" x 2-3/8"
- Light weight (incl. battery): 3.85 lbs.
- High power: 370 in. lbs.
- Variable speed/reversible: Low: 70-400 rpm High: 200-1,400 rpm
- Clutch Torque (Approx.): 4.4-39.0 in. lbs. (2.0 in. lbs. per stage, total 18 stage)
- 1/2" Heavy duty keyless chuck
- Charging Time (using EY0L82B charger)*: Usable: 40 minutes Full: 55 minutes
- Electric brake
- LED work light
- Low battery indicator
- Belt hook
- Kit includes 1 - EY7441, 2 - (EY9L44B) 3.3Ah 14.4V Li-ion Batteries, 1 - (EY0L82B) Charger, and Case
- Max. Drill Diameter: in Wood: dia. 1-3/8" in Metal: dia. 1/2"
- Max. Screws Driving: Machine screw: M5 Wood screw: dia. 1/4" Self-drilling screw: dia. 1/4"



TYPICAL APPLICATION

- General Construction
- Plumbing
- Finishing Carpentry
- Electric Installation Work



EY7410LA2S / EY7410LA1C

^{Li-ion} 1.5Ah

Cordless Drill & Driver Kit

3.6V

- 1.5Ah Li-ion battery
- Compact size (L x H x W): 10-7/8" x 5-9/32" x 1-13/16" in straight format
- Light weight (incl. battery): 1.10 lbs.
- Powerful: Low: 39.0 in. lbs. High: 13.3 in. lbs.
- 2 Speed reversible: Low: 200 rpm High: 600 rpm
- Clutch Torque (Approx.): 2.7-25.7 in. lbs. (0.9 in. lbs. per stage, total 21 stage)
- 21 Stage clutch with auto shut off
- 1/4" Hex quick change chuck
- Cap for clutch lock out
- Charging Time (using EY0L11B charger)*: Usable: 15 minutes Full: 30 minutes
- LED work light
- Low battery indicator
- Kit includes 1 - EY7410, 2 - (EY9L10B) 1.5Ah 3.6V Li-ion Batteries, 1 - (EY0L11B) Charger, and Case
- Max. Drill Diameter: in Metal dia. 3/16" (spc t=1/16")
- Max. Screws Driving: Wood screw dia. 5/32" x 1-1/2"



EY7410LA1C:
1 Battery pack is included.
Charger not included.

TYPICAL APPLICATION

- Rack/Cabinet installers
- Electronics Assembly
- Electricians
- Service engineers



Optional Accessory
Clutch lock cover

EY9X007E

Hammer Drill & Driver

High power drilling in masonry, wood, metal.

Li-ion
4.2Ah



EY7950LS2S **Li-ion 4.2Ah** EY7950LR2S **Li-ion 3.3Ah**

TOUGH IP™

Cordless Hammer Drill & Driver Kit

18V

- High capacity **EY7950LS2S** 4.2Ah Li-ion battery
EY7950LR2S 3.3Ah Li-ion battery
- Compact size (L x H x W): 9-1/4" x 9-3/4" x 2-1/2"
- Light weight (incl. battery): **EY7950LS2S** 5.00 lbs.
EY7950LR2S 5.00 lbs.
- High performance as regular drill: Max. Torque: **EY7950LS2S** 505 in. lbs.
EY7950LR2S 505 in. lbs.
- Variable speed control/reversible: Low: 50-430 rpm High: 160-1,650 rpm
- Clutch Torque (approx): 8.8-61.0 in. lbs. (3.0 in. lbs. per stage, total 18 stage) (Max. Torque at drilling position-stage 16)
- Blows Rate per Minute: Low: 900-7,740 bpm High: 2,880-29,700 bpm
- 1/2" Heavy duty keyless chuck
- Charging Time (using EY0L82B charger)*: **EY7950LS2S** Usable: 55 minutes Full: 70 minutes
EY7950LR2S Usable: 40 minutes Full: 55 minutes
- Electric brake
- LED work light
- Low battery indicator
- **EY7950LS2S** Kit includes 1 - EY7950, 2 - (EY9L51B) 4.2Ah 18V Li-ion Batteries, 1 - (EY0L82B) Charger, and Case.
- **EY7950LR2S** Kit includes 1 - EY7950, 2 - (EY9L50B) 3.3Ah 18V Li-ion Batteries, 1 - (EY0L82B) Charger, and Case.
- Max. Drill Diameter: in Wood: dia. 1-7/16" in Metal: dia. 1/2" in Mortar/Brick: dia. 1/2"
- Max. Screws Driving: Wood screw: dia. 5/16" Self-drilling screw: dia. 1/4"



TYPICAL APPLICATION
Electricians
General construction
Interior installation
Masonry drilling
Masonry/wood fastening
Wood/metal drilling
Heating, water & sanitation technicians

*Charging times are approximate and may be slightly longer depending on conditions.

EY7940LR2S

Li-ion 3.3Ah TOUGH IP™

Cordless Hammer Drill & Driver Kit

14.4V

- High capacity 3.3Ah Li-ion battery
- Compact size (L x H x W): 7-7/8" x 9-1/8" x 2-3/8"
- Light weight (incl. battery): 3.96 lbs.
- High performance as regular drill: Max. Torque: 370 in. lbs.
- Variable speed control/reversible: Low: 70-400 rpm High: 200-1,400 rpm
- Clutch Torque (approx.): 8.8-39 in. lbs. (1.8 in. lbs. per stage, total 18 stage) (Max. Torque at drilling position-stage 16)
- High speed masonry drilling: Max. 1,400 rpm / 25,200 bpm
- Blows Rate per Minute: Low: 1,260-7,200 bpm High: 3,600-25,200 bpm
- 1/2" Heavy duty keyless chuck
- Charging Time (using EY0L82B charger)*: Usable: 40 minutes Full: 55 minutes
- Electric brake
- LED work light
- Low battery indicator
- Kit includes 1 - EY7940, 2 - (EY9L44B) 3.3Ah 14.4V Li-ion Batteries, 1 - (EY0L82B) Charger, and Case
- Max. Drill Diameter: in Metal dia. 1/2" in Wood dia. 1-3/8" in Mortar/Brick dia. 1/2"
- Max. Screws Driving: Machine screw: M5 Wood screw: dia. 1/4" Self-drilling screw: dia. 1/4"

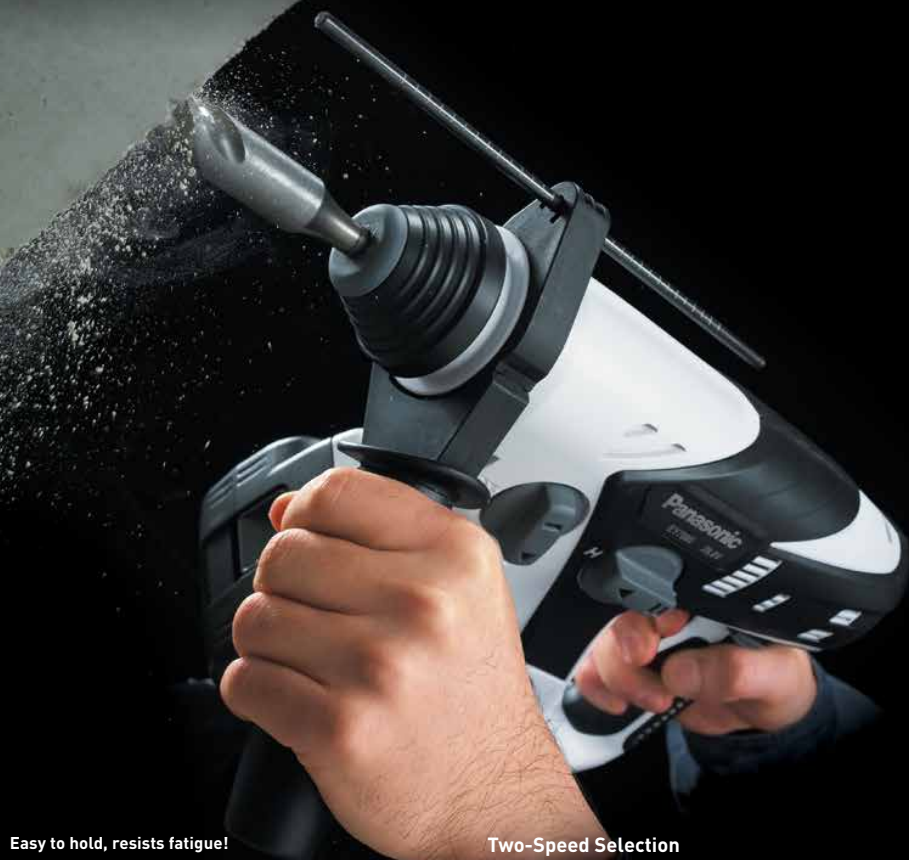
TYPICAL APPLICATION
• Electricians
• General construction
• Interior installation
• Masonry drilling
• Masonry/wood fastening
• Wood/metal drilling
• Heating, water & sanitation technicians



*Charging times are approximate and may be slightly longer depending on conditions.

SDS-Plus Rotary Hammer

Powerful, light and tough for continuous use!



Easy to hold, resists fatigue!

Two-Speed Selection



Grip width of our EY6813



EY7880LP2S

Cordless SDS-Plus Rotary Hammer Kit

TOUGH IP™

28.8V

- High capacity 3.0Ah Li-ion battery
- Compact size (L x H x W): 12-9/16" x 8" x 3-1/16"
- Light weight (incl. battery): 8.49 lbs.
- Two speed hammering selection: High: 0 - 4,500 bpm Low: 0 - 2,800 bpm
- Two speed drilling selection variable speed/reversible: High: 0 - 920 rpm Low: 0 - 500 rpm
- Dual function: Rotary hammer or drill
- Slow start two-finger switch for accurate drilling with a clean finish
- Ergonomic soft rubber grip for stress reduction
- Dust collection cup as standard equipment
- 3/4" SDS-Plus bit system
- Hammering force: 23.6 kN
- 360° auxiliary side handle with built-in depth gauge
- Charging Time (using EY0L82B charger)*: Usable: 60 minutes Full: 80 minutes
- LED work light
- Low battery indicator
- Kit includes 1 - EY7880, 2 - (EY9L82B) 3.0Ah 28.8V Li-ion Batteries, 1 - (EY0L82B) Charger, and Case

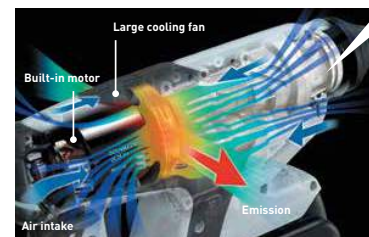


TYPICAL APPLICATION

- Concrete drilling
- Masonry drilling

Excellent cooling/dust-proof design supports continuous use

Rigorous continuous use is made possible by the flow of air through a space between the gear case and the main unit housing. This acts to cool the gear case, containing the hammer and gears, which can become hot during extended use. Large cooling fan drivers exhaust system helps prevent dust build-up.



Magnesium metal gear case



The gear case is made from magnesium which is light and excellent for dispersing heat. The hammer and gears are covered to prevent fine particles of dust from entering the tool and grease from leaking.

Dust-proof switch



The dust-proof switch prevents fine particles of dust from entering the tool and causing problems with the motor.

Serial drilling of 180 holes (1/2" in diameter)!

Cooling and dust proof performance have been improved and this serial drilling display of 180 holes (dia. 1/2" x 1-9/16") demonstrates the toughness of the hammer to handle rigorous continuous work conditions (equivalent to 3 battery packs).



Optional Accessories

SDS-Plus Chiseling Attachment
For light chiseling

EY9HX402E

SDS-Plus Drill Chuck
For 1/16" dia. - 1/2" dia. bit

EY9HX400E

Carefully designed for ease of use. Supported functions.



Standard Accessory
Dust collection cup



White LED light



For light chiseling

*Charging times are approximate and may be slightly longer depending on conditions.

Reciprocating Saw

Long Lasting for continuous use

18V

Powerful cutting through thick metal pipe

14.4V

Fast cutting through thin metal pipe

Li-ion
4.2Ah

EY45A1LS1G/EY45A1X

Li-ion
4.2Ah

14.4V/18V

TOUGH IP™

Cordless Reciprocating Saw Kit

Dual Voltage Technology



- Dual voltage – accepts either 14.4V or 18V Panasonic Li-ion batteries
- High capacity 4.2Ah Li-ion battery
- Powerful Cutting (stroke length 1-1/8mm, 0-2,800spm)
- Compact Size (L x H x W): 18-1/8" x 8-1/4" x 3-7/16"
- Light weight: 7.50 lbs.
- Max. Cutting Size in metal pipe dia. 5-1/8", in wood 9-1/4" thickness
- Easy blade replacement
- Safety switch lock lever
- Low battery indicator
- Charging Time (using EY0L82B charger)*: Usable: 55 minutes Full: 70 minutes
- Kit includes 1 - EY45A1, 1 - (EY9L51B) 4.2Ah 18V Li-ion Battery, 1 - (EY0L82B) Charger, and Case

TYPICAL APPLICATION

- Carpentry
- Plumbing
- Electrician
- Installation
- Demolition

EY45A1X: Battery pack and battery charger are not included.



Cutting

Long strong length and high stroke speed enables cutting through thick materials.



Demolition

High voltage reciprocating saw offers powerful cutting performance.



Long Lasting

High battery capacity enables tool to last longer.



Anti vibration

Spring inside tool absorbs shock for less fatigue



Blade Replacement

Blade replacement made easy by using the blade clamping system. Blade is easily secured by inserting and pushing into tool. Blade can be easily removed by turning the holder collar.

Replacement Blade

*Not available as an accessory

Metal Blade Standard

- Bi-metal blade
- 14 teeth per inch
- Blade length: 5-7/8"
- Blade length for cutting: 5-1/8"
- Blade width: 1/16"
- Cutting range: ø2-3/4"

Wood Blade Standard

- carbon tool steels
- 5 teeth per inch
- Blade length: 9-7/16"
- Blade length for cutting: 8-11/16"
- Blade width: 1/16"
- Cutting range: ø5-7/8"

*Charging times are approximate and may be slightly longer depending on conditions.

Multi-Purpose Metal Cutter

Made for cutting various materials



EY4542LR2M

Li-ion 3.3Ah

TOUGH IP™

Cordless Multi Purpose Metal Cutter Kit

14.4V

- High capacity 3.3Ah Li-ion battery
- Compact size (L x H x W): 13-1/4" x 9" x 6-5/16"
- Light weight (incl. battery): 5.84 lbs.
- Rotating Speed: 3,600 rpm
- Blade Size: Outer diameter 5-3/8" Arbor size 13/16"
- Cutting Depth: Max. 1-13/16"
- Electric brake
- Cutting edge is easily seen through transparent window
- In-line ergonomic design for comfortable cutting
- Safety switch lock lever
- Shaft lock button for easy blade replacement
- Charging Time (using EY0L82B charger)*:
 - Usable: 40 minutes Full: 55 minutes
- LED work light
- Low battery indicator
- Kit includes 1 - EY4542, 2 - (EY9L44B) 3.3Ah 14.4V Li-ion Batteries, 1 - (EY0L82B) Charger, and Case

TYPICAL APPLICATION

- Metal construction
- Plumbing
- General construction
- Electric installation work



Metal Cutting Blade Standard



- C-6 tungsten carbide-tipped blade for metal cutting
- 30 teeth
- Kerf (in.): 1/16" (.055)

Wood Cutting Blade Optional



- C-6 tungsten carbide-tipped blade for wood cutting
- 30 teeth
- Kerf (in.): 3/64" (.047)

3-way Dust Control



1 Use with vacuum cleaner to collect dust



2 Collects dust in the dust case



3 Eject dust to the rear of the machine



Cutting depth adjustment



Cutting edge is easily seen through window

*Charging times are approximate and may be slightly longer depending on conditions.

EY4640X

Cordless Angle Grinder

TOUGH IP™

14.4V

- Compact size (L x H x W): 14-3/8" x 4-1/8" x 2-15/16"
- Light weight (incl. battery): 4.85 lbs.
- Speed at No Load: 9,500 rpm
- Wheel diameter: 4-1/2"
- Slim grip
- On lock warning lamp function
- Low battery indicator
- Replaceable carbon brushes
- Charging Time (using EY0L82B charger)*:
Usable: 40 minutes Full: 55 minutes
- Electronic Performance Monitoring System
- Accepts Panasonic 14.4V Li-ion battery packs.

*Charging time, weight and size:
case of using the battery pack (EY9L44B)

TYPICAL APPLICATION

- Metal construction
- General construction
- Plumbing
- Electric installation work



EY4640X: Battery, battery charger and grinding wheel are not included.



Indicator lamp for on lock warning lamp function

The grinder will not start when the switch is at the ON position, or even when the battery pack is inserted. The warning lamp will flash to indicate that the on lock start prevention has started.

*Charging times are approximate and may be slightly longer depending on conditions.



Reinforcement bar cutting



Metal Cutting



Metal Grinding



Slim grip design

Slim grip is designed so that you can hold it securely with five fingers, reducing fatigue and making the grinder easy to use both above your head and facing to the side.

EY37C1B

Cordless Flashlight

14.4V / 18V / 21.6V

- Triple voltage – accepts either 14.4V, 18V or 21.6V Panasonic Li-ion batteries
- Brightness of approx. 4,000 Lux
- Adjustable head angle (Four steps)
- Low battery indicator
- Bulb: Xenon 0.55A
- Size (L x H x W) (excluding battery): 10-63/64" x 4-7/8" x 3-35/64"
- Weight (excluding battery): 0.75 lbs.
- Shoulder strap
- Accepts Panasonic 14.4V, 18V, 21.6V Li-ion battery packs.

Acceptable Battery Packs and Hours of Use

- With 21.6V Li-ion battery pack EY9L61B: Approx. 6 hours 20 minutes
- With 18V Li-ion battery pack EY9L51B: Approx. 6 hours 15 minutes
- With 18V Li-ion battery pack EY9L50B: Approx. 5 hours 30 minutes
- With 14.4V Li-ion battery pack EY9L45B: Approx. 5 hours 10 minutes
- With 14.4V Li-ion battery pack EY9L44B: Approx. 4 hours 35 minutes
- With 14.4V Li-ion battery pack EY9L41B: Approx. 4 hours 20 minutes
- With 14.4V Li-ion battery pack EY9L42B: Approx. 2 hours



EY37C1B: Battery pack and battery charger are not included.



EYC941B

14.4V Power Supply Kit

Li-ion 4.2Ah

14.4V

- 2 - EY9L45B: 14.4V 4.2Ah Li-ion battery pack
- 1 - EY0L82B: Charger



EYC950B

18V Power Supply Kit

Li-ion 4.2Ah

18V

- 2 - EY9L51B: 18V 4.2Ah Li-ion battery pack
- 1 - EY0L82B: Charger



EYC144V33

Li-ion
R 3.3Ah

3.3Ah Lithium Combo Kit

Dual Voltage Technology

- 1 - EY7441X (Body): 14.4V Drill & Driver
- 1 - EY75A1X (Body): Dual Voltage Impact Driver
- 2 - EY9L44B: 3.3Ah 14.4V Li-ion Battery Packs
- 1 - EY0L82B: Charger



EYC18DV42

Li-ion
S 4.2Ah

4.2Ah Lithium Combo Kit

Dual Voltage Technology

- 1 - EY74A1X (Body): Dual Voltage Drill & Driver
- 1 - EY75A1X (Body): Dual Voltage Impact Driver
- 2 - EY9L51B: 4.2Ah 18V Li-ion Battery Packs
- 1 - EY0L82B: Charger



EYC144DV42

Li-ion
S 4.2Ah

4.2Ah Lithium Combo Kit

Dual Voltage Technology

- 1 - EY74A1X (Body): Dual Voltage Drill & Driver
- 1 - EY75A1X (Body): Dual Voltage Impact Driver
- 2 - EY9L45B: 4.2Ah 14.4V Li-ion Battery Packs
- 1 - EY0L82B: Charger



EYC194LR

Li-ion
R 3.3Ah

3.3Ah Lithium Combo Kit

14.4V

- 1 - EY7441 (Body): 14.4V Drill & Driver
- 1 - EY4542 (Body): 14.4V Multi Purpose Metal Cutter
- 2 - EY9L44B: 14.4V 3.3Ah Li-ion battery pack
- 1 - EY0L82B: Charger
- 1 - Panasonic Tool Bag
- Standard/Optional Accessories: See page 41



Ni-MH Series



EY6432NQQW

Cordless 1/2" Drill & Driver Kit

15.6V

- 2.8Ah Ni-MH battery
- Compact size (L x H x W): 8-3/16" x 9" x 2-9/32"
- Light weight (incl. battery): 4.50 lbs.
- High power: 370 in. lbs.
- Variable speed control/reversible: Low: 65 - 450 rpm High: 200 - 1,450 rpm
- Clutch Torque (approx.): 9-61 in. lbs. [3.0 in. lbs. per stage, total 18 stage] (Max. Torque at drilling position-stage 19)
- 1/2" heavy-duty keyless chuck
- 2-speed gear box
- Spindle Thread: 3/8" - 24
- Charging Time (using EY0110B charger)*: 45 minutes
- Electric brake
- New ergonomic design
- Kit includes 1 - EY6432, 2 - (EY9230B) 2.8Ah 15.6V Ni-MH Batteries, 1 - (EY0110B) Charger, and Case

TYPICAL APPLICATION

- General construction
- Finishing carpentry
- Electric installation work
- Plumbing



EY6409NQQW

Cordless 1/2" Drill & Driver Kit

12V

- 2.8Ah Ni-MH battery
- Compact size (L x H x W): 8-3/16" x 8-31/32" x 2-9/32"
- Light weight (incl. battery): 4.20 lbs.
- High power: 292 in. lbs.
- Variable speed control/reversible: Low: 50-400 rpm High: 180-1,300 rpm
- Clutch Torque (approx.): 9-50 in. lbs. [2.4 in. lbs. per stage, total 18 stage] (Max. Torque at drilling position-stage 19)
- 1/2" heavy-duty keyless chuck
- 2-speed gear box
- Spindle Thread: 3/8" - 24
- Charging Time (using EY0110B charger)*: 45 minutes
- Electric brake
- New ergonomic design
- Kit includes 1 - EY6409, 2 - (EY9200B) 2.8Ah 12V Ni-MH Batteries, 1 - (EY0110B) Charger, and Case

TYPICAL APPLICATION

- General construction
- Finishing carpentry
- Electric installation work
- Plumbing



EY6220NQ

Cordless Drill & Driver Kit

2.4V

- Compact size (L x H x W): 9-3/8" x 5" x 1-7/16" in straight format
- Light weight (incl. battery): 0.90 lbs.
- Max. Torque: Low: 26 in. lbs. High: 13 in. lbs.
- Speed at No Load: Low: 200 rpm High: 400 rpm
- Clutch Torque (approx.): 3.5, 6.3, 9.1, 11.9, 14.7, 17.5 in. lbs. (multi-stage) (Max. Torque at 6 position)
- Easily converts from straight to pistol form
- 2-speed gear box
- 1/4" hex drive
- Multi-stage clutch plus drill
- Reversible
- Gear lock mechanism for manual tightening
- Charging Time (using EY0L11B charger)*: 45 minutes
- Kit includes 1 - EY6220, 1 - (EY9221B) 2.8Ah 2.4V Ni-MH Battery, and 1 - (EY0L11B) Charger



TYPICAL APPLICATION

- Appliance Repair
- Production line, assembly work
- Circuit board assembly (of small equipment)

EY6220N: 1 Battery pack is included. Charger not included.

EY3530NQMkW

Cordless Metal Cutter Kit

15.6V

- 2.8Ah Ni-MH battery
- Compact size (L x H x W): 13-25/32" x 7-1/8" x 7-13/16"
- Light weight (incl. battery): 6.70 lbs.
- Rotating Speed: 3,100 rpm
- Blade Size: Outer diameter 5-3/8" Arbor size 13/16"
- Cutting Depth: Min. 1/8" Max. 1-13/16"
- Electric brake
- Cutting edge is easily seen through transparent window
- In-line ergonomic design for comfortable cutting
- Safety switch lock lever
- Spindle lock button for easy blade replacement
- Charging Time (using EY0110B charger)*: 45 minutes
- Kit includes 1 - EY3530, 2 - (EY9230B) 2.8Ah 15.6V Ni-MH Batteries, 1 - (EY0110B) Charger, and Case

TYPICAL APPLICATION

- General construction
- Electric installation work
- Metal construction
- Plumbing



EY9PM13C Standard

- C-6 tungsten carbide-tipped blade for metal cutting
- 30 teeth
- Kerf (in.): 1/16" (.055)

Replacement Blades Blade size: dia. 5-5/16"

EYC136NQQW

Metal Combo Kit

15.6V

- 1 - EY3530 (Body): 15.6V Metal Cutter + Standard metal cutter blade
- 1 - EY6432 (Body): 15.6V Drill & Driver
- 1 - EY0110: Charger for Ni-MH battery pack
- 2 - EY9230: 2.8Ah Ni-MH battery pack
- 1 - Carrying Case



*Charging times are approximate and may be slightly longer depending on conditions.

EYOL82B

Charger for Li-ion Batteries

- Accepts Panasonic's **10.8V-28.8V** Battery Packs (See below for details)
- Equipped with a lamp system that indicates the status of the 6 charging functions at a glance

	TYPE OF BATTERY				
	Li-ion				
	LS TYPE	LR TYPE	LZ TYPE	LE TYPE	LP TYPE
28.8V			EY9L81B		EY9L82B
21.6V				EY9L62B	
18V	EY9L51B	EY9L50B			
14.4V	EY9L45B	EY9L44B	EY9L41B	EY9L42B	
Charging Time	EY9L51B: 55 min.* 70 min. EY9L45B: 55 min.* 70 min.	40 min.* 55 min.	EY9L81B: 65 min.* 75 min. EY9L61B: 50 min.* 60 min. EY9L41B: 35 min.* 50 min.	EY9L62B: 65min.* 85min. EY9L42B: 30min.* 35min.	60 min.* 80 min.

*Usable Charge (80%)



EYOL11B

Charger for Li-ion Batteries & Ni-MH Batteries

- Accepts Panasonic's **2.4V-3.6V** Battery Packs (See below for details)

	TYPE OF BATTERY	
	Li-ion	Ni-MH
	LA TYPE	N TYPE
3.6V	EY9L10B	
2.4V		EY9221B
Charging Time	15 min.* • 30 min.	45 min.



EY0110B

Charger for Ni-MH Batteries & Ni-Cd Batteries

- Accepts Panasonic's **7.2V-24V** Battery Packs (See below for details)
- Equipped with a lamp system that indicates the status of the 5 charging functions at a glance

	TYPE OF BATTERY									
	Ni-MH					Ni-Cd				
	G TYPE	N TYPE	V TYPE	F TYPE	E TYPE	C TYPE	D TYPE			
24V	EY9251B	EY9210B	EY9117B	EY9116B						
18V										
15.6V	EY9231B	EY9230B	EY9136B							
12V	EY9201B	EY9200B	EY9106B	EY9101B	EY9006B	EY9001B				
9.6V					EY9182B/9180B	EY9086B	EY9080B			
7.2V			EY9166B			EY9066B				
Charging Time	65 min.	55 min.	90 min.	45 min.	60 min.	30 min.	25 min.	20 min.	20 min.	



*Charging times are approximate and may be slightly longer depending on conditions.

Battery Pack / Battery Charger - Compatibility Chart

Voltage	Model	Battery	Charging Time												Charger
			15	30	35	40	50	55	60	65	70	75	80	85	
28.8V	EY7880	EY9L82B							▲*2					●	
21.6V	EY7460 EY7960	EY9L62B								▲*2				●	
18V	EY37C1B	EY9L51B						▲*2			●				EYOL82B
		EY9L50B				▲*2		●							
		EY9L45B				▲*2		●							
		EY9L44B		▲*2	●										
14.4V	EY7441 EY7940 EY7840 EY4542 EY4640 EY7549	EY9L45B				▲*2		●							EYOL11B
		EY9L44B		▲*2	●										
3.6V	EY7410 EY7411	EY9L10B	▲*2	●											
15.6V	EY6432 EY3530	EY9230B				●									
12V	EY6409	EY9200B				●									EYOL110B
2.4V	EY6220	EY9221B				●									

*1 Available X type (bare tool) *2 Usable Charge (80%)

Li-ion Capacity Table

Impact Driver

Voltage			18V
Model No.			EY75A4X
Battery Type			EY9L51B (LS)
Fastening	Wood Screws in Yellow Pine	dia. 3/16" x 2-15/16"	610 pcs
	Self-Drilling Screws in SPC	dia. 5/32" x 1/2" t=1/16"	990 pcs
Bolting	Standard Tensil Bolt	M16 x 1" t=3/8"	1,150 pcs
	Standard Tensil Bolt	M12 x 1" t=3/8"	2,700 pcs
	High Tensil Bolt	M12 x 1" t=3/8"	340 pcs

High Torque Impact Wrench

Voltage			18V
Model No.			EY735AL32S
Battery Type			EY9L51B (LS)
Fastening			210 pcs
Bolting	SPAX screws in yellow pine	dia. 8mm x 80mm	210 pcs
	standard tensile bolt	M16 x 25mm, t=10mm 2 sec.	300 pcs
		M16 x 25mm, t=10mm 2 sec. *with extension	180 pcs
		M12 x 25mm, t=10mm 1 sec.	640 pcs
	high tensile bolt	M24 x 25mm, t=10mm 3 sec.	220 pcs
		M20 x 25mm, t=10mm 2.5 sec.	250 pcs
		M16 x 25mm, t=10mm 2 sec.	300 pcs

Impact Wrench

Voltage			18V
Model No.			EY75A5X
Battery Type			EY9L51B (LS)
Fastening	Wood Screws in Yellow Pine	dia. 3/16" x 2-15/16"	550 pcs
	Wood Screws in Yellow Pine	dia. 3/16" x 4-3/4"	120 pcs
	Self-Drilling Screws in SPC	dia. 5/32" x 1/2" t=1/16"	950 pcs
Bolting	Standard Tensil Bolt	M16 x 1" t=3/8"	1,000 pcs
	Standard Tensil Bolt	M14 x 1" t=3/8"	1,090 pcs
	High Tensil Bolt	M12 x 1" t=3/8"	350 pcs

Multi-Impact & Drill Driver

Voltage			14.4V
Model No.			EY7549X
Battery Type			EY9L45B (LS)
Drill Driver Mode	Holes in SPC	dia. 13/16", t=1/16"	19 pcs
	Holes in SPC	dia. 1-5/16", t=1/16"	16 pcs
	Holes in Yellow Pine	dia. 11/16", t=4-3/4"	90 pcs
	Holes in Yellow Pine	dia. 1-3/16", t=1-9/16"	120 pcs
	Coach Screws in Yellow Pine	dia. 11/32" x 1-31/32"	55 pcs
Impact Mode	Self Drilling Screws in SPC	dia. 5/32" x 1/2", t=3/32"	450 pcs
	High Tensile Bolt	M12 x 1", t=3/8"	200 pcs

Drill & Driver

Voltage			18V			14.4V
Model No.			EY7450LS2S	EY7450LR2S	EY74A1LS20	EY74A1LR2S
Battery Type			EY9L51B (LS)	EY9L50B (LR)	EY9L51B (LS)	EY9L44B (LR)
Fastening	Wood Screws in Yellow Pine [High Mode]	dia. 3/16" x 2-15/16"	-	-	-	-
	Wood Screws in Yellow Pine [High Mode]	dia. 5/32" x 1"	-	-	1,300 pcs	930 pcs
	Wood Screws in Yellow Pine [Low Mode]	dia. 5/16" x 3-5/32"	-	-	340 pcs	-
	Self-drilling Screws in SPC [High Mode]	dia. 1/8" x 1/2" t=1/16"	-	-	-	-
	Self-drilling Screws in SPC [High Mode]	dia. 5/32" x 1/2" t=1/16"	640 pcs	500 pcs	1,050 pcs	590 pcs
	Self-drilling Screws in SPC [High Mode]	dia. 5/32" x 1/2" t=1/16"	640 pcs	500 pcs	1,050 pcs	590 pcs
Drilling	Holes in Plaster Board + PlyWood [Wooding Core] [High Mode]	Plaster Board 1/2" + PlyWood 15/32" dia. 2-11/16" t=15/16"	75 pcs	60 pcs	80 pcs	-
	Holes in SPC [High Mode]	dia. 1/2" t=1/16"	300 pcs	240 pcs	-	-
	Holes in SPC [Hole saw] [High Mode]	dia. 13/16" x t=1/16"	45 pcs	35 pcs	40 pcs	19 pcs
	Holes in SPC [Hole saw] [Low Mode]	dia. 1-5/16" t=1/16"	45 pcs	35 pcs	60 pcs	16 pcs
	Holes in Yellow Pine [High Mode]	dia. 11/16" x t=4-3/4"	130 pcs	100 pcs	120 pcs	75 pcs
	Holes in Yellow Pine [Low Mode]	dia. 1-3/16" t=1-9/16"	-	-	220 pcs	120 pcs

Voltage		3.6V	3.6V
Model No.		EY7410LA2S	EY7411LA1S
Battery Type		EY9L10B (LA)	EY9L10B (LA)
Wood Screws	dia. 1/8" x 1/2"	600 pcs	600 pcs
Screws in	M5 x 5/16"	1,000 pcs	1,000 pcs
Holes in SPC	dia. 1/16", t=1/16"	85 pcs	85 pcs

Hammer Drill & Driver

Voltage			18V		14.4V
Model No.			EY7950LS2S	EY7950LR2S	EY7940LR2S
Battery Type			EY9L51B (LS)	EY9L50B (LR)	EY9L44B (LR)
Fastening	Wood Screws in Yellow Pine [High Mode]	dia. 3/16" x 2-15/16"	-	-	-
	Wood Screws in Yellow Pine [High Mode]	dia. 1/4" x 3-5/32"	300 pcs	240 pcs	-
	Wood Screws in Yellow Pine [Low Mode]	dia. 5/16" x 3-5/32"	190 pcs	150 pcs	-
	Self-drilling Screws in SPC [High Mode]	dia. 1/8" x 1/2" t=1/16"	-	-	-
	Self-drilling Screws in SPC [High Mode]	dia. 5/32" x 1/2" t=1/16"	640 pcs	500 pcs	590 pcs
Drilling	Holes in Plaster Board + PlyWood [Wooding Core] [High Mode]	Plaster Board 1/2" + PlyWood 15/32" dia. 2-11/16" t=15/16"	75 pcs	60 pcs	-
	Holes in Plaster Board + PlyWood [Low Mode]	Plaster Board 1/2" + PlyWood 15/32" dia. 4-29/32" x 15/16"	30 pcs	25 pcs	-
	Holes in SPC [High Mode]	dia. 1/2" t=1/16"	300 pcs	240 pcs	-
	Holes in SPC [Hole saw] [High Mode]	dia. 13/16" x t=1/16"	45 pcs	35 pcs	19 pcs
	Holes in SPC [Hole saw] [Low Mode]	dia. 1-5/16" x t=1/16"	45 pcs	35 pcs	16 pcs
	Holes in mortar [High Mode]	dia. 1/4" x 1-3/16" depth	180 pcs	140 pcs	85 pcs
	Holes in mortar [High Mode]	dia. 3/8" x 1-3/16" depth	140 pcs	110 pcs	-
	Holes in masonry [High Mode]	dia. 3/16" x 1-9/16" depth	150 pcs	120 pcs	-
	Holes in Yellow Pine [High Mode]	dia. 11/16" t=4-3/4"	130 pcs	100 pcs	75 pcs

Rotary Hammer Drill & Driver

Voltage			18V
Model No.			EY75A4X
Battery Type			EY9L51B (LS)
Drilling + Fastening	Concrete Screw	Holes in Concrete and Screws Fastened	dia. 1/8" x 1-3/16" 120 pcs/charge
			dia. 1/4" x 1-3/16" 100 pcs/charge
	Plastic Anchor [Fastening Application]	Holes in Concrete and Screws Fastened	dia. 3/16" x 1" 100 pcs/charge
Drilling	Holes in Concrete		dia. 1/8" x 1-3/16" 140 holes/charge
			dia. 1/4" x 1-3/16" 110 holes/charge
			dia. 3/8" x 1-9/16" 50 holes/charge
			dia. 1/2" x 1-9/16" 30 holes/charge

Reciprocating Saw

Voltage			18V
Model No.			EY45A1LS10
Battery Type			EY9L51B (LS)
Steel Pipe for Ordinary Piping	outer diameter 1-11/32" [t=1/8"]		45 pcs/charge
	outer diameter 1-29/32" [t=1/8"]		30 pcs/charge
	outer diameter 3-1/16" [t=5/32"]		10 pcs/charge
Yellow Pine	2 x 4 [1-1/16" x 3-1/16"]		80 pcs/charge
	2 x 10 [1-1/16" x 9-1/32"]		50 pcs/charge

SDS-Plus Rotary Hammer

Voltage		28.8V
Model No.		EY7880LP2S
Battery Type		EY9L82B (LZ)
Concrete*	dia. 1/4" x 1-3/16"	150 holes /charge
	dia. 5/16" x 3-15/16"	30 holes /charge
	dia. 1/2" x 1-9/16"	70 holes /charge
	dia. 9/16" x 3-17/32"	20 holes /charge
	dia. 25/32" x 1-9/16"	30 holes /charge

Multi-Purpose Metal Cutter

Voltage		14.4V
Model No.		EY4542LR2M
Battery Type		EY9L44B (LR)
Conduit Pipe	ø1" t=1/16"	170 pcs/charge
SPC	17-11/16" t=1/16"	14 pcs/charge
Plywood	35-7/16" t=1/2"	55 pcs/charge
PVC Pipe	dia. 1-1/2" t=1/8"	120 pcs/charge

Angle Grinder*

Voltage		14.4V
Model No.		EY4440X
Reinforcing Bar	dia. 3/8"	30 pcs/charge

*Capacity if using EY9L44B battery pack

Ni-MH Capacity Table

Voltage		15.6V	12V	2.4V
Model No.		EY6432N0KW	EY6409N0KW	EY6220N0
Wood Screws in Yellow Pine	dia. 5/32" x 1"	—	525 pcs	—
	dia. 1/4" x 2-1/2"	480 pcs	—	—
	dia. 1/8" x 25/32"	—	—	280 pcs
Self-Drilling Screws in SPC	dia. 1/8" x 1/2", t=1/16"	—	730 pcs	—
Holes in Yellow Pine	dia. 1-7/16", t=1-1/2"	120 pcs	—	—

* The above table shows average values. There may be some difference depending on the battery condition, the sharpness of the drill bit, the material hardness, etc.
* t=thickness of material. *At concrete strength of medium hardness.

Metal Cutter

Voltage		15.6V
Model No.		EY5330N0MKW
Hanger Rail	W: 1-5/8" H: 1-5/8" t=1/8"	Metal EY9PM13C 35 pcs/charge
	W: 1-5/8" H: 1-3/16" t=1/16"	Metal EY9PM13C 75 pcs/charge
Conduit Pipe	Outer / 1" EMT dia. 1-5/32"	Metal EY9PM13C 105 pcs/charge

Standard / Optional Accessory Chart

● STANDARD

○ OPTIONAL



Voltage		14.4V/18V						14.4V/18V/21.6V
Model No.		EY74A1LS2G	EY74A1X	EY75A1LS2G	EY75A2X	EY45A1LS1G	EY45A1X	EY37C1
28.8V Battery Pack (3.0Ah Li-ion Battery Type Z)	EY9L82B							
21.6V Battery Pack (4.2Ah Li-ion Battery Type Z)	EY9L62B							○
18V Battery Pack (3.3Ah Li-ion Battery Type R)	EY9L50B	○	○	○	○	○	○	○
18V Battery Pack (4.2Ah Li-ion Battery Type S)	EY9L51B	●	○	●	○	●	○	○
15.6V Battery Pack (2.8Ah Ni-MH Battery Type N)	EY9230B							
14.4V Battery Pack (3.3Ah Li-ion Battery Type R)	EY9L44B	○	○	○	○	○	○	○
14.4V Battery Pack (4.2Ah Li-ion Battery Type S)	EY9L45B	○	○	○	○	○	○	○
12V Battery Pack (2.8Ah Ni-MH Battery Type N)	EY9200B							
3.6V Battery Pack (1.2Ah Li-ion Battery Type L)	EY9L10B							
2.4V Battery Pack (2.8Ah Ni-MH Battery Type N)	EY9221B							
Power Supply Kit	EYC941B	○	○	○	○	○	○	○
Power Supply Kit	EYC950B	○	○	○	○	○	○	○
Charger for Li-ion	EY0L82B	●	○	●	○	●	○	○
Charger for Ni-MH & Ni-Cd Battery (7.2-24V)	EY0110B							
Charger for Li-ion, Ni-MH & Ni-Cd Battery	EY0L11B							
Attachable 1/2" to 1/4" Quick Change Adapter	EY9HX111E				●			
Attachable 1/2" Keyless Drill Chuck for EY7549	EY9X003E							
1/2" Keyless Chuck for 18V and 21.6V Drills	EY9HX410E	●	●					
1/2" Keyless Chuck for EY7441 and EY7940	EY9HX411E							
1/2" Keyless Drill Chuck for EY7950	EY9HX412E							
Carbide-Tipped Blade for Metal	EY9PM13C							
Carbide-Tipped Blade for Wood	EY9PW13A							
Rip Fence	EY3500B7727							
Dust collection cup	EY9X004E							
Clutch Lock Cover	EY9X007E							

28.8V	18V						14.4V						3.6V	15.6V			12V	2.4V		
EY7880LP2S	EY7450LS2S	EY7450LR2S	EY7552X	EY7950LS2S	EY7950LR2S		EY7441LR2S	EY7940LR2S	EY7549X	EY7840LR2S	EY4542LR2M	EYC194LR	EY7410LA2S	EY7410LA1C	EY6432NOKW	EY3530NOKW	EYC136NOKW	EY6409NOKW	EY6220NQ	EY6220N
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Panasonic Eco Solutions North America

Power Tool Division

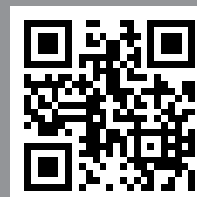
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