

options for high versatility



*Note : Attach front protection cover when not in-use with attachments for heat/dust protection.

Cordless Drill & Driver EY1DD2



Bit storage space provided
Two 65 mm bits can be stored in the base of the drill (one each on left and right).

Optional accessory	
	EY9HX500 6.35mm (1/4") Hex Eccentric attachment
	EY9HX501 6.35mm (1/4") Right-angle attachment
	EY9HX504 13mm Keyless drill chuck attachment

Specifications				
Chuck	One touch bit lock system (6.35mm [1/4"] Hex)			
Maximum torque	Stalling torque: { 18V } Low speed: 30Nm, High speed: 11Nm Instant torque: { 18V } Low speed: 45Nm { 14.4V } Low speed: 40Nm			
Speed at no load	{18V} High speed: 70 - 1,800 min ⁻¹ , Low speed: 20 - 530 min ⁻¹ {14.4V} High speed: 70 - 1,450 min ⁻¹ , Low speed: 20 - 430 min ⁻¹			
Clutch torque	{18V} High speed: 3 - 7 Nm, Low speed: 3 - 18 Nm {14.4V} High speed: 3 - 7 Nm, Low speed: 3 - 17 Nm			
Dimensions & weight	18V / 5.0Ah (EY9L54) : L 133 x H 253 x D 64 mm / 1.75 kg 18V / 3.0Ah (EY9L53) : L 133 x H 237 x D 64 mm / 1.50 kg			
Capacity (approx. with full charge)	Setting	18V 5.0Ah	18V 3.0Ah	
		Holesaw SPC (ø21 x 1.6 mm)	45 holes	25 holes
		Wood / pine (ø15 x 120 mm)	220 holes	130 holes
		Wood / pine (ø21 x 120 mm)	140 holes	80 holes
Driving	HIGH/DRILL/-/F	Wood core drill (ø65 x ceramic siding 16 mm + ply 12 mm)	45 holes	30 holes
		Coach bolt / pine (ø6 x 80 mm)	210 screws	130 screws
		Coach bolt / pine (ø8 x 80 mm)	140 screws	80 screws
Driving	HIGH/DRIVE/10/F	Tek screw / SPC (ø6 x 13 mm, thickness 1.6 mm)	1150 screws	700 screws

Accessories		Model#	● Standard accessory ○ Optional accessory			
Universal charger (Li-ion10.8 - 28.8V)		EY0L82	●	●	○	○
	5.0Ah (LJ type)	EY9L54	●×2	○	○	○
Battery pack 18V	3.0Ah (PN type)	EY9L53	○	●×2	○	○
Eccentric attachment	EY9HX500	○	○	○	○	
Right-angle attachment	EY9HX501	○	○	○	○	
Keyless drill chuck attachment	EY9HX504	●	●	○	○	
Support Handle	WEY1DD1F7001	○	○	○	○	
Tool case	TO0LB0X2DD	●	●	●	○	

● Max. size guide line by task for serial application

Gear	Mate	Drill bit	Hole size/Thickness
High	Yellow pine/Spruce	Wood drilling bit	~ø21 x t=120mm ~ø27 x t=40mm
		Metal drilling bit	~ø10 x t=1.6mm
	SPC / Sheet metal	Metal hole saw	~ø21 x t=1.6mm
	Ceramic siding	Core drill	~ø65 x t=28mm
Low	Yellow pine/Spruce	Wood drilling bit	~ø38 x t=120mm
		Metal drilling bit	~ø13 x t=2.3mm
	SPC / Sheet metal	Metal hole saw	~ø33 x t=2.3mm
	Ceramic siding	Core drill	~ø80 x t=28mm

● Shut-off clutch torque reference for Driving and Tapping (approx. torque)

HIGH	RPM/Speed setting	F	Shut-off clutch setting		
			1	20	40
LOW	RPM/Speed setting	F	5Nm ~ 7Nm	~ 18Nm	~ 16Nm
	
		L1	3Nm ~ 6Nm	~ 18Nm	~ 16Nm
		L1	3Nm ~ 6Nm	~ 18Nm	~ 16Nm

With 18V battery pack

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Cordless Drill & Driver EY1DD2



ACCESS ALL AREAS!

Providing versatility and precision in one compact tool

Short-Body Drill/Driver with attachment options for high versatility

Tight-distance



*Note: Attach front protection cover when not in-use with attachments for heat/dust protection.

New easy one-touch bit locking system

Just push bits to install. No need to pull quick chuck sleeve. This system is also applicable for attachments.

*Note: To remove bits/attachments, pull sleeve or release button.



Just push to attach.



Tight-corner



Select best angle from eight positions for the application.



Eccentric attachment EY9HX500

Tight-angle

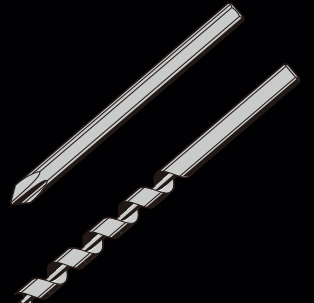


Select best angle from eight positions for the application.



Right-angle attachment EY9HX501

Straight-shank



13mm (ø1.5~ø13mm) Keyless Drill Chuck attachment EY9HX504



Electronic performance control

Configure performance to your perfect levels using the wide range of functions and settings. (See right page for setting details.)

Battery level indicator

Press **SET** button for approximately 3 seconds to reveal battery charge status.

Indicator	Battery status
	Fully charged or high charge level
	Approx. 60% remaining
	Low level - Will require charging soon
	Empty - Immediate charging required

Select the perfect setting for a wide range of tasks

Drilling

Tough and speedy wood drilling

The integration of new brushless motor and vector control circuit optimizes the power and speed for heavy-duty serial drilling. (See operation picture for details.)

Fine metal drilling surface finish

Highest rotation speed limit (H1 - H3 settings) helps both clean surface finish and less wear on metal hole saw teeth.

Gear setting	Mode setting	Shut-off clutch setting		RPM/Speed setting				
		Indication	Setting selection	Spec	Indication	Setting selection	Spec	
HIGH	Push MODE MODE DRILL TAP SET	Indication	Setting selection	Spec	Indication	Setting selection	F	0-1,800 rpm
							H3	0-1,000 rpm
							H2	0-670 rpm
LOW	Push MODE MODE DRILL TAP SET	Indication	Setting selection	Spec	Indication	Setting selection	F	0-530 rpm
							H3	0-300 rpm
							H2	0-200 rpm
HIGH	Push MODE MODE DRILL TAP SET	Indication	Setting selection	Spec	Indication	Setting selection	F	0-1,800 rpm
							L9	0-990 rpm
							L8	0-860 rpm
LOW	Push MODE MODE DRILL TAP SET	Indication	Setting selection	Spec	Indication	Setting selection	F	0-530 rpm
							L9	0-290 rpm
							L8	0-260 rpm
HIGH	Push MODE MODE DRILL TAP SET	Indication	Setting selection	Spec	Indication	Setting selection	F	0-1,800 rpm
							L9	0-990 rpm
							L8	0-860 rpm
LOW	Push MODE MODE DRILL TAP SET	Indication	Setting selection	Spec	Indication	Setting selection	F	0-530 rpm
							L9	0-290 rpm
							L8	0-220 rpm
HIGH	Push MODE MODE DRILL TAP SET	Indication	Setting selection	Spec	Indication	Setting selection	F	0-1,800 rpm
							L9	0-990 rpm
							L8	0-860 rpm
LOW	Push MODE MODE DRILL TAP SET	Indication	Setting selection	Spec	Indication	Setting selection	F	0-530 rpm
							L9	0-290 rpm
							L8	0-220 rpm

Driving

Optimal clutch torque setting

Newly developed electronic clutch offers 600 different shut-off clutch torque between the combination of clutch and speed settings. Meets various fastening needs from precise to high-torque fastening. (See operation picture for details.)

Shut-off status LED indicator

Green light illuminates for 2 seconds when driving is complete with pre-set shut-off clutch torque, helping ensure correct tightness.

Tapping

Hassle-free rotation switching

● Tapping operation

