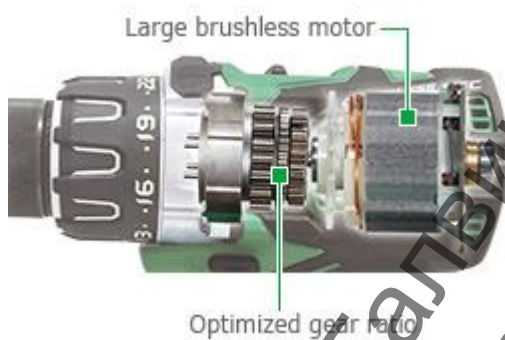







**Most powerful * torque and fastest * application speeds in its class
due to large brushless motor and optimized gear ratio**



- As of December 2015. Among 14.4V/18V cordless driver drills made by leading power tool manufactures. (surveyed by Koki Holdings.)

	Siding	Steel	Wood
Application (Drilling)			
DS18DBL2	170mm	13mm	76mm
DS14DBL2	120mm	13mm	65mm

Most powerful *1 torque in its class

Max torque hard: 136Nm *2 (DS18DBL2) / 110Nm *3 (DS14DBL2)



- As of December 2015. Among 14.4V/18V cordless driver drills made by leading power tool manufactures. (surveyed by Koki Holdings.)
 - With the BSL1860/BSL1850 battery.
 - With the BSL1460/BSL1450 battery.

Best in class *1 application speeds *2

Driving wood screws (Low Mode + Drill Mode)
($\Phi 8$ x 75mm wood screws into American pine
with 6.5mm pilot holes)



- As of December 2015. Among 14.4V/18V cordless driver drills made by leading power tool manufactures. (surveyed by Koki Holdings.)
 - The values are for reference purposes. They vary according to the work material and conditions.

Runtime per charge (approx.) *1

Model	Number of screws driven in wood *2 (Low Mode + Drill Mode)
DS14DBL2	6.0Ah(BSL1460) Approx.360 screws
	5.0Ah(BSL1450) Approx.300 screws
DS18DBL2	6.0Ah(BSL1860) Approx.380 screws
	5.0Ah(BSL1850) Approx.320 screws

- The values are for reference purposes. They vary according to the work material and conditions.
- $\phi 8$ x 75mm wood screws into American pine (with 6.5mm pilot holes)

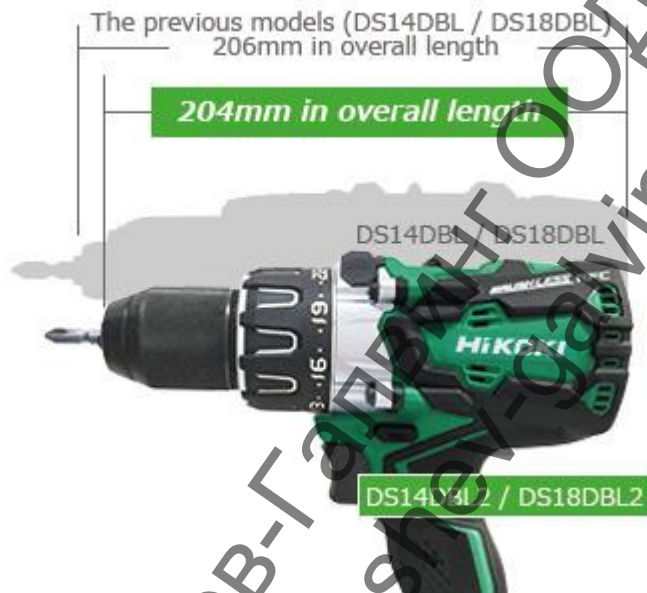
Double-molded, large clutch dial

- The clutch dial is clearly readable even when it's worn out. It's also easy to grip for better handling.



Compact at 204mm

- More compact than the previous models (DS14DBL / DS18DBL).



Feedback speed control

reduces torque (rpm) fluctuation in a low speed range and ensures stable operation. This makes follow-up tightening and drill positioning easier. (Continuous work within a low speed range may cause the temperature of the unit to rise, activating a temperature protection circuit and automatically stopping operation.)

Reactive Force Control (RFC)

When the tool bit is suddenly overburdened during operation, a tool's built-in control stops the motor to lessen the twisting of the operator's arms.



Caution

Depending on operating conditions, Reactive Force Control may not work or may not provide the specified performance. Make sure that the workpiece is placed and supported properly, and that the main unit is held firmly during operation.

Longer side handle

- for more stable operation.



Specifications

Model		DS14DBL2	DS18DBL2
Capacity	Drill Chuck	1.5 - 13mm (1/16 - 1/2") Keyless	
	Mild Steel	13mm (1/2")	
	Soft Wood	65mm (2-9/16")	76mm (3")
	Wood Screw	8 x 100mm (#20 x 4")	10 x 90mm (#24 x 3-1/2")
	Machine Screw	6mm (1/4")	
Battery	Voltage	14.4V	18V
	Power Output *1	87Wh for BSL1460 (6.0Ah) 72Wh for BSL1450 (5.0Ah) 44Wh for BSL1430 (3.0Ah)	108Wh for BSL1860 (6.0Ah) 90Wh for BSL1850 (5.0Ah) 54Wh for BSL1830 (3.0Ah) 45Wh for BSL1825 (2.5Ah)
	No Load Speed High	0 - 1,800/min	0 - 2,100/min
	Low	0 - 400/min	0 - 500/min
Max Torque Hard		110Nm (975in.-lbs.) *2	136Nm (1,205in.-lbs.) *3
Max Torque Soft		40Nm (354in.-lbs.) *2	62Nm (549in.-lbs.) *3
Torque Setting		2 - 8Nm (18 - 71in.-lbs.)	
Overall Length		204mm (8-1/32")	

Model	DS14DBL2	DS18DBL2
Weight *4	2.3kg (5.1lbs.) with BSL1460/BSL1450/BSL1430	2.5kg (5.5lbs.) with BSL1860/BSL1850/BSL1830 2.3kg (5.1lbs.) with BSL1825
Vibration Total Values (triax vector sum) *5	Drilling into Metal Vibration Emission Value ah, D < 2.5m/s ² Uncertainty K = 1.5m/s ²	
Standard Accessories	2 Batteries (BSL1460, BSL1450 or BSL1430), Charger (UC18YFSL or UC18YSL3), Side Handle, Driver Bit, Battery Cover, Carrying Case	2 Batteries (BSL1860, BSL1850, BSL1830 or BSL1825), Charger (UC18YFSL or UC18YSL3), Side Handle, Driver Bit, Battery Cover, Carrying Case

1. The figures of battery power output are nominal values.
2. With the BSL1460/BSL1450 battery.
3. With the BSL1860/BSL1850 battery.
4. According to EPTA-Procedure 01/2003.
5. The tri-axial vibration values were measured according to EN60745-2-1.



CAUTION REGARDING LITHIUM-ION BATTERY TRANSPORTATION

Notify the transporting company that a package contains a lithium-ion battery, inform the company of its power output and follow the instructions of the transportation company when arranging transport.

- Lithium-ion batteries that exceed a power output of 100Wh are considered to be in the freight classification of Dangerous Goods and will require special application procedures.
- For transportation abroad, you must comply with international law and the rules and regulations of the destination country.

Charging Time (Approx.)

Voltage	Battery		Charger	
	Type	Capacity	UC18YFSL	UC18YSL3
14.4V	BSL1430	3.0Ah	45min	20min
	BSL1450	5.0Ah	75min	32min
	BSL1460	6.0Ah	90min	38min

Voltage	Battery		Charger	
	Type	Capacity	UC18YFSL	UC18YSL3
18V	BSL1825	2.5Ah	35min	25min
	BSL1830	3.0Ah	45min	20min
	BSL1850	5.0Ah	75min	32min
	BSL1860	6.0Ah	90min	38min

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