

Aimsak

POWER TOOLS



CORDLESS POWERTOOLS CATALOGUE

Aimsak

1989~2000

1989~1995 Established

1995. 06 Converted into a Shin Woo Corporation
1989. 01 Established Shinwoo industry component company

1998~2000 Manufacturing Power tools

2000. 07 Developed Driver drill (9.6V / 12V)
1999. 01 Shinwoo Aimsak Corp was renamed (Aimsak Inc.)
1998. 09 Developed Driver drill (4.8V / 7.2V)

2001~2012

Korean No.1 Power tool Build brand **Aimsak**

2009. 11 Developed 18V Li-ion Impact Wrench
2009. 10 Developed 14.4V Li-ion 2-speed Driver drill, AD 414L
2008. 03 Completed New factory in Ochang and Relocated HQ to Ochang
2005. 03 Established R&D center
2002. 05 Developed Hammer drill & Driver drill (12V / 15.6V)
2001. 09 Acquired a VDE / CE certificate
2001. 09 Relocated Suwon factory

2016~2017

2016. 10 Developed 18V Multi Tool
2016. 08 Developed 14.4V & 18V Rotary Hammer drill
2016. 05 Developed 18V Brushless Angle Grinder
2016. 03 Developed 18V Brushless Impact driver & wrench
2016. 01 Developed 14.4V Reciprocating Saw

2012~2015

2015. 06 K-design Award Winner (BL22M7)
2015. 01 Developed 21.6V Brushless Impact driver & wrench
2014. 04 Compact Driver drill Exported to USA Market
2014. 03 Acquired UL certificate
2012. 05 Japan and Taiwan Market entered
2011. 11 European Market entered
2011. 07 Acquired PSE certificate

NEW CORDLESS POWER TOOLS



AIMINI 3.6 V Screw Driver



AR 414C 14.4 V Reciprocating Saw



AD 618R 18 V Driver Drill



AH 618T 18 V Hammer Drill



High Performance &
Extreme Run Time



BL18M6 18 V Impact Driver



BL18X2 18 V Impact Driver & Wrench



BL18Q6 18 V Impact Wrench

Memo

Cordless Driver Drill

AD 310R

Voltage	10.8 V
No Load Speed	0~375 / 1,200 rpm
Max Torque	30 N·m
Chuck capacity	10 mm
Capacities	Steel 10 mm / Wood 28 mm
Battery	Li-ion 1.3 Ah
Weight	0.91 kg



AD 140R

Voltage	14.4 V
No Load Speed	0~450 / 1,500
Max Torque	33 N·m
Chuck capacity	10 mm
Capacities	Steel 10 mm / Wood 21 mm
Battery	Li-ion 1.5 Ah
Weight	0.90 kg



AD 414Ri

Voltage	14.4 V
No Load Speed	0~400 / 1,300 rpm
Max Torque	35 N·m
Chuck capacity	10 mm
Capacities	Steel 10 mm / Wood 30 mm
Battery	Li-ion 2.0 Ah
Weight	1.1 kg



AD 414RS

Voltage	14.4 V
No Load Speed	0~400 / 1,300 rpm
Max Torque	35 N·m
Chuck capacity	6.35 mm (1/4" HEX)
Capacities	Steel 10mm / Wood 30mm
Battery	Li-ion 2.0 Ah
Weight	0.90 kg



AD 418R

Voltage	18 V
No Load Speed	0~400 / 1,300 rpm
Max Torque	39 N·m
Chuck capacity	10 mm
Capacities	Steel 10 mm / Wood 28 mm
Battery	Li-ion 1.5 Ah
Weight	1.10 kg



AD 418R plus

Voltage	18 V
No Load Speed	0~450 / 1,600 rpm
Max Torque	44 N·m
Chuck capacity	10 mm
Capacities	Steel 10mm / Wood 32mm
Battery	Li-ion 2.5 Ah
Weight	1.29 kg



AD 518R

Voltage	18 V
No Load Speed	0~500 / 1,700 rpm
Max Torque	50 N·m
Chuck capacity	13 mm
Capacities	Steel 13mm / Wood 40mm
Battery	Li-ion 3.0 Ah
Weight	1.7 kg



New

AD 618R

Voltage	18 V
No Load Speed	0~380 / 1,650 rpm
Max Torque	53 N·m
Chuck capacity	13 mm
Capacities	Steel 13mm / Wood 50mm
Battery	Li-ion 2.0 / 4.0 Ah
Weight	1.27 kg



Cordless Impact Driver

AI 310M

Voltage	10.8 V
No Load Speed	0~2,400 rpm
Impact per minute	0~2,750 ipm
Max Torque	105 N·m
Chuck capacity	6.35 mm (1/4" HEX)
Capacities	Standard bolt (M4 ~ M12)
Battery	Li-ion 1.3 Ah
Weight	0.93 kg



AI 140M

Voltage	14.4 V
No Load Speed	0~2,800 rpm
Impact per minute	0~3,200 ipm
Max Torque	115 N·m
Chuck capacity	6.35 mm (1/4" HEX)
Capacities	Standard bolt (M4 ~ M12)
Battery	Li-ion 1.5 Ah
Weight	0.90 kg



AI 414MI

Voltage	14.4 V
No Load Speed	0~2,800 rpm
Impact per minute	0~3,200 ipm
Max Torque	120 N·m
Chuck capacity	6.35 mm (1/4" HEX)
Capacities	Standard bolt (M6 ~ M12)
Battery	Li-ion 2.0 Ah
Weight	0.99 kg



AI 414MIl

Voltage	14.4 V
No Load Speed	0~2,800 rpm
Impact per minute	0~3,200 ipm
Max Torque	50 / 90 / 120 N·m
Chuck capacity	6.35 mm (1/4" HEX)
Capacities	Standard bolt (M4 ~ M12)
Battery	Li-ion 2.0 Ah
Weight	0.98 kg



AI 514MX

Voltage	14.4 V
No Load Speed	0~2,800 rpm
Impact per minute	0~3,200 ipm
Max Torque	140 N·m
Chuck capacity	6.35 mm (1/4" HEX)
Capacities	Standard bolt (M6 ~ M14)
Battery	Li-ion 2.5 Ah
Weight	1.05 kg



AI 418M

Voltage	18 V
No Load Speed	0~2,800 rpm
Impact per minute	0~3,200 ipm
Max Torque	130 N·m
Chuck capacity	6.35 mm (1/4" HEX)
Capacities	Standard bolt (M5 ~ M14)
Battery	Li-ion 1.5 Ah
Weight	1.10 kg



AI 418M plus

Voltage	18 V
No Load Speed	0~2,800 rpm
Impact per minute	0~3,200 ipm
Max Torque	150 N·m
Chuck capacity	6.35 mm (1/4" HEX)
Capacities	Standard bolt (M6 ~ M14)
Battery	Li-ion 2.5 Ah
Weight	1.3 kg



AI 618LIll

Voltage	18 V
No Load Speed	0~1,600 / 2,200 / 2,800 rpm
Impact per minute	0~2,000 / 2,600 / 3,200 ipm
Max Torque	105 / 140 / 175N·m
Chuck capacity	6.35 mm (1/4" HEX)
Capacities	Standard (M6 ~ M16)
Battery	Li-ion 4.0 Ah
Weight	1.7 kg



New

BL18M6

Voltage	18 V
No Load Speed	0~1,100 / 2,350 / 3,100 rpm
Impact per minute	0~1,190 / 2,550 / 3,400 ipm
Max Torque	195 N·m
Chuck capacity	6.35 mm (1/4" HEX)
Capacities	Standard bolt (M6 ~ M16)
Battery	Li-ion 4.0 / 5.0 Ah
Weight	1.62 kg



New

BL18X2

Voltage	18 V
No Load Speed	0~1,100 / 2,350 / 3,100 rpm
Impact per minute	0~1,190 / 2,550 / 3,400 ipm
Max Torque	195 N·m
Chuck capacity	6.35 mm (1/4" HEX)
Capacities	Standard bolt (M6 ~ M16)
Battery	Li-ion 4.0 / 5.0 Ah
Weight	1.66 kg



NEW BLDC 18V

High Performance & Extreme Run Time

Aimsak Brushless Tools are engineered to perform smarter, faster as you can too with a VOLT battery, integrated electronics and Brushless motor technology which run cooler, last longer and can deliver over 60% more runtime and increased power and extended durability with essentially no maintenance.



Cordless Impact Wrench

AW 414Q

Voltage	14.4 V
No Load Speed	0~2,800 rpm
Impact per minute	0~3,200 ipm
Max Torque	130 N·m
Chuck capacity	9.52 mm (3/8" Square)
Capacities	Standard bolt (M6 ~ M12)
Battery	Li-ion 2.0 Ah
Weight	0.99 kg



AW 418Q plus

Voltage	18 V
No Load Speed	0~2,800 rpm
Impact per minute	0~3,200 ipm
Max Torque	150 N·m
Chuck capacity	12.7 mm (1/2" Square)
Capacities	Standard bolt (M6 ~ M14)
Battery	Li-ion 2.5 Ah
Weight	1.3 kg



AW 618LIII

Voltage	18 V
No Load Speed	0~1,600 / 2,200 / 2,800 rpm
Impact per minute	0~2,000 / 2,600 / 3,200 ipm
Max Torque	105 / 140 / 175 N·m
Chuck capacity	12.7 mm (1/2" Square)
Capacities	Standard bolt (M6 ~ M16)
Battery	Li-ion 4.0 Ah
Weight	1.7 kg



AW 618Qo

Voltage	18 V
No Load Speed	0~1,800 / 2,250 / 2,600 rpm
Impact per minute	0~2,000 / 2,600 / 3,200 ipm
Max Torque	110 / 150 / 186 N·m
Chuck capacity	12.7 mm (1/2" Square)
Capacities	Standard bolt (M6 ~ M16)
Battery	Li-ion 5.0 Ah
Weight	1.6 kg



New BL18Q6

Voltage	18 V
No Load Speed	0~910 / 1,950 / 2,600 rpm
Impact per minute	0~1,120 / 2,400 / 3,200 ipm
Max Torque	280 N·m
Chuck capacity	12.7 mm (1/2" Square)
Capacities	Standard bolt (M6 ~ M16)
Battery	Li-ion 4.0 / 5.0 Ah
Weight	1.64 kg



AW 818Q

Voltage	18 V
No Load Speed	0~1,900 rpm
Impact per minute	0~2,300 ipm
Max Torque	1,000 N·m
Chuck capacity	12.7 mm (1/2" Square)
Capacities	Standard bolt (M6 ~ M16)
Battery	Li-ion 5.0 Ah
Weight	2.98 kg



Cordless Hammer Drill

AH 310T

Voltage	10.8 V
No Load Speed	0~400 / 1,300 rpm
Blows per minute	0~6,000 / 19,500 bpm
Max Torque	30 N·m
Chuck capacity	10 mm
Capacities	Masonry 10 mm
Battery	Li-ion 1.3 Ah
Weight	0.99 kg



AH 140T

Voltage	14.4 V
No Load Speed	0~450 / 1,500 rpm
Blows per minute	0~6,750 / 22,500 bpm
Max Torque	33 N·m
Chuck capacity	10 mm
Capacities	Masonry 10 mm
Battery	Li-ion 1.5 Ah
Weight	1.05 kg



AH 414TI

Voltage	14.4 V
No Load Speed	0~450 / 1,500 rpm
Blows per minute	0~6,750 / 22,500 bpm
Max Torque	35 N·m
Chuck capacity	10 mm
Capacities	Masonry 10 mm
Battery	Li-ion 2.0 Ah
Weight	1.08 kg



AH 418T plus

Voltage	18 V
No Load Speed	0~450 / 1,600 rpm
Blows per minute	0~6,750 / 24,000 bpm
Max Torque	44 N·m
Chuck capacity	10 mm
Capacities	Masonry 10 mm
Battery	Li-ion 2.5 Ah
Weight	1.35 kg



AH 518Ts

Voltage	18 V
No Load Speed	0~500 / 1,700 rpm
Blows per minute	0~7,500 / 26,000 bpm
Max Torque	50 N·m
Chuck capacity	13 mm
Capacities	Masonry 13 mm
Battery	Li-ion 4.0 Ah
Weight	1.8 kg



New AH 618T

Voltage	18 V
No Load Speed	0~380 / 1,650 rpm
Blows per minute	0~5,700 / 24,750 bpm
Max Torque	53 N·m
Chuck capacity	13 mm
Capacities	Masonry 13 mm
Battery	Li-ion 2.0 / 4.0 Ah
Weight	1.29 kg



AH 818T

Voltage	18 V
No Load Speed	0~450 / 1,700 rpm
Blows per minute	0~6,750 / 25,500 bpm
Max Torque	57 N·m
Chuck capacity	13 mm
Capacities	Masonry 13 mm
Battery	Li-ion 5.0 Ah
Weight	2.37 kg



Advancing Technology
The most **Powerful** Reciprocating Saw

i-LESS GRIP

Cordless Angle Grinder

AG 718N

Voltage	18 V
No Load Speed	0~7,500 rpm
Wheel diameter	4" ~100 mm
Spindle	M 10
Battery	Li-ion 5.0 Ah
Weight	2.23 kg



New AR 414C

Voltage	14.4 V
Stroke per minute	0~3,400 spm
Stroke	15 mm
Battery	Li-ion 2.0 Ah
Weight	1.28 kg



Cordless Screw Driver

New Aimini

Voltage	3.6 V
No Load Speed	220 rpm
Max Torque	4.5 N·m
Chuck capacity	6.35 mm (1/4" 槽2)
Battery	Li-ion 1.3 Ah
Weight	0.3 kg



High Performance Battery



Long-Lasting Battery

VOLT is created for heavy use, longer run-time and better durability.

PCM (Protection Circuit Module)



AIMSAK VOLT battery pack cells are independently monitored to prevent over-charging and over-discharging. Also, it has air-cooled system which prevents over-heating.

ESCP (Electronic Single Cell Protection)



**Over-Heating
Over-Discharging
Over-Loading**

Electronic Single Cell Protection (ESCP) constantly monitors the condition of each cell in the battery. ESCP works whenever the battery is in operation. ESCP determines the cells which should be charged first so that the charging time would be shorter.

Charger

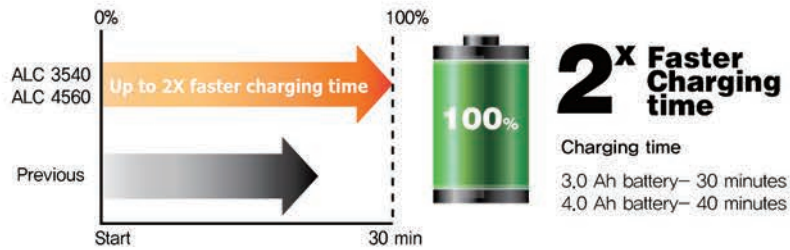
Air Circulation System



ALC4560

The ALC4560 contains ESCP system (which monitors the current, voltage, and temperature) and cooling fan which blows the air through the battery.

Fast Charging



Li-ion Battery & Charger

Li-ion Battery

Image	Model	Voltage	Capacity	Related
	B13P12N	10.8 V	1.3 Ah	AD 310R, AH 310T, AI 310M
	B20P14A	14.4 V	2.0 Ah	AD 414R, AH 414T1, AI 414M, AI 414MII, AW 414Q, AR 414C
	B26P14A	14.4 V	2.5 Ah	AD 414R plus, AI 414M plus, AI 514MX
	B52P14A	14.4 V	5.0 Ah	AD 414R plus, AI 414M plus, AI 514MX
	B15P14N	14.4 V	1.5 Ah	AD 314B
	B15P18	18 V		AD 318B

Image	Model	Voltage	Capacity	Related
	B30L18N	18 V	3.0 Ah	AD 518R
	B40L18N	18 V	4.0 Ah	AI 618L2, AW 618L2, AH 518Ts
	B25L18A	18 V	2.5 Ah	AR 418R plus, AH 418T plus, AI 418M plus, AW 418Q plus
	B52L18A	18 V	5.0 Ah	AH 818T, AW 818Q, AI 618Mo, AW 618Qo, AG 718N
	B50L18D B50L18DF	18 V	5.0 Ah	AD 618R, AH 618T, BL18M6, BL18X2, BL18Q6

* Interchangeable Battery Platform Compatible using a range of same voltage battery without reference to any capacities.

Li-ion Charger

Image	Model	Voltage	Rated input	Rated out	Related
	ALC 3540	10.8 ~ 18 V	220 V 50-60 Hz	220 V 50-60 Hz	All of Li-ion Plug-in Type
	ALC 4540	14.4 ~ 18 V	220 V 50-60 Hz	220 V 50-60 Hz	All of Li-ion Slide Type

Image	Model	Voltage	Rated input	Rated out	Related
	ALC 4540M	14.4 ~ 21.6 V	220 V 50-60 Hz	220 V 50-60 Hz	All of Li-ion Slide Type
	ALC 4650	14.4 ~ 21.6 V	220 V 50-60 Hz	220 V 50-60 Hz	All of Li-ion Slide Type

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