

**FEIN. Unverwüsthche
Elektrowerkzeuge.**



Extremely powerful – the 14 / 18V cordless drill/drivers.

Optimal cutting speeds and high torque for perfect drilling and screw-driving results.

**LI-ION
DRILL/DRIVER**



The most powerful FEIN cordless drill/drivers – from the company that invented power tools.

For over 120 years, FEIN has been setting high standards in extremely reliable power tools for manual trades and industry. From the invention of the first drill in 1895 and the first FEIN screwdriver in 1925 to milestones such as the 2-speed drill and the MULTIMASTER, FEIN has been developing and producing solutions synonymous with quality and performance.

FEIN is continuing this tradition with the 14/18 V cordless drill/drivers: with 20 variants and a unique range of batteries, FEIN is underlining its expertise and experience in the construction of professional power tools.



Cordless drill/driver ASCM QX

The most powerful FEIN cordless drill/driver: with brushless motor, 4-speed gearbox and removable drill chuck.

From page 4.



Cordless drill/driver ASCM

The most powerful FEIN cordless drill/driver: with brushless motor and 4-speed gearbox.

From page 4.

The world's first power tool is born: in 1895, FEIN combined a hand drill with electric motors.

This drill gained a patent for its housing: made of plastic, serving as insulation.

Developed for industrial volume assembly: the FEIN AccuTEC – guarantees accurate and repeat-precise screwdriving.

BRUSHLESS MOTOR



Cordless hammer drill/driver ASB

The universal FEIN cordless drill/driver: for demanding drilling and screw connections in all materials.

From page 8.

Cordless drill/driver ABS

The compact FEIN cordless drill/driver: light and extremely durable.

From page 8.

Cordless impact wrench/driver ASCD

The extremely robust FEIN cordless drill/driver: short and lightweight design with great torque delivery of 250 Nm.

From page 10.

FEIN 4-speed drill/driver – the most powerful cordless drill/driver.

The perfect combination of high quality battery, electronics and motor makes the ASCM the most powerful of FEIN's cordless drill/drivers: The brushless FEIN PowerDrive motor comes with an impressive service life and around 30% more efficiency than comparable DC motors. The electronic torque shut-off ensures

good repeat accuracy and the FEIN Li-ion batteries with SafetyCell technology protect against damage from overload.

Overall this delivers more power, more precision and more screw connections per battery charge!



Removable drill chuck and bit holder (ASCM QX)

- ▶ Bit holder reduces the weight by 200 g.
- ▶ Practical one-handed operation.
- ▶ Strong neodymium magnet.

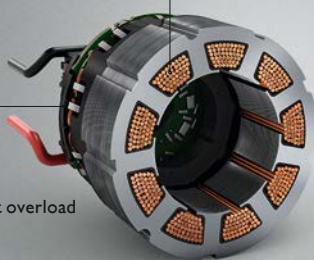


4-speed gearbox

- ▶ High speeds of up to 3850 rpm enable precise and rapid drilling.
- ▶ High torques of up to 90Nm allow 10x400mm screws to be connected without pre-drilling.

Very high copper content
for very high output and overload capability.

Intelligent control electronics
for protection against overload damage.



Very powerful, sintered neodymium magnets
for continually high output.

10 mm drive shaft
for extreme robustness and torsional strength.



FEIN: expertly engineered motors

- ▶ Virtually wear-free.
- ▶ 2x longer service life.
- ▶ 30% higher efficiency.
- ▶ 100% more performance per battery charge.





Metal drill chuck

- ▶ Quick clamping drill chuck with spindle lock.
- ▶ Carbide-tipped clamping jaws are a highly reliable way to hold drill shafts.

Brushless FEIN PowerDrive motor

- ▶ Extremely powerful with high speeds of up to 28 000 rpm.
- ▶ Large motor diameter of 48 mm for high torques of up to 90 Nm.

FEIN battery technology

- All FEIN cordless drill/drivers are available with:
- ▶ 5 Ah or 2.5 Ah.
 - ▶ 18 V or 14.4 V.
 - ▶ SafetyCell technology.
 - ▶ Charge status indicator.

Screwdriving and drilling – perfectly combined in one tool.

The 4-speed arrangement, for which a patent is pending, provides the right speed and appropriate torque at all times. With speeds of up to 3850 rpm, the powerful 4-speed gearbox ensures rapid work progress and maximum precision for drilling jobs.

Large-scale tasks can be completed effortlessly: with a maximum torque of 90 Nm and the powerful 18 V battery, securing as many as 10 x 400 mm screws without pre-drilling.



Tip

The optimal cutting speed for every hole diameter.

4-speeds offer the correct speed for the hole diameter and material every time. 2000 rpm for a 8 mm hole in steel with a TiN-coated drill, for instance.

1. Determine the cutting speed based on material and drill.



HSS drill
Construction steel:
30-40 m/min
Stainless steel:
7-12 m/min

HSS TiN coated
Construction steel:
40-50 m/min
Stainless steel:
10-15 m/min

2. Determine the speed based on cutting speed and drill hole diameter.

Hole diameter	Cutting speed (m/min)				
	10	20	30	40	50
mm					
2	Speed 3	Speed 3	Speed 4	Speed 4	Speed 4
4	Speed 2	Speed 3	Speed 3	Speed 4	Speed 4
6	Speed 1	Speed 2	Speed 3	Speed 3	Speed 3
8	Speed 1	Speed 2	Speed 2	Speed 3	Speed 3
10	Speed 1	Speed 2	Speed 2	Speed 2	Speed 3
12	Speed 1	Speed 1	Speed 2	Speed 2	Speed 2

Technical data

Model	4-speed cordless drill/driver ASCM QX		4-speed cordless drill/driver ASCM	
				
Features	<ul style="list-style-type: none"> ▶ Brushless FEIN PowerDrive motor. ▶ FEIN Li-ion battery with SafetyCell technology. ▶ Removable solid metal drill chuck / bit holder. ▶ 4-speed solid metal gearbox. ▶ Electronic torque setting. ▶ Motor and electronics with dust protection. 		<ul style="list-style-type: none"> ▶ Brushless FEIN PowerDrive motor. ▶ FEIN Li-ion battery with SafetyCell technology. ▶ Solid metal quick clamping drill chuck. ▶ 4-speed solid metal gearbox. ▶ Electronic torque setting. ▶ Motor and electronics with dust protection. 	
Battery voltage (capacity)	18 V (5 Ah)	14.4 V (5 Ah)	18 V (5 Ah)	14.4 V (5 Ah)
	All devices also available with 2.5 Ah.		All devices also available with 2.5 Ah.	
Screw connections / battery charge *	2200	1500	2200	1500
Idling speeds, 1st/2nd/3rd/4th gear	400/800/1950/3850 rpm		400/800/1950/3850 rpm	
Max. torque	90 Nm	85 Nm	90 Nm	85 Nm
Max. screw diameter	10 x 400 mm	8 x 300 mm	10 x 400 mm	8 x 300 mm
Drill chuck clamping width	1.5 - 13 mm		1.5 - 13 mm	
Weight	from 1.7 kg		from 1.9 kg	
Contents	1 cordless drill/driver, 2 Li-ion batteries (5 Ah or 2.5 Ah), 1 rapid charger ALG 50, 1 handle for 18 V variant, 1 removable drill chuck / separate bit holder for QX variant, 1 plastic tool case.			

* 5 x 40 mm wood screws in soft wood.

Carbide hole saws



Drilling large hole diameters in 1st or 2nd gear. Torque setting 15 provides additional safety when stalling.

Perfect cutting speeds



The optimal speed is available for every hole diameter, thanks to the 4-speed gearbox.

10 x 400 mm screws



Even challenging screw connections such as 10 x 400 mm fully threaded screws can be performed without pre-drilling.

FEIN 2-speed cordless hammer drill/driver – compact and extremely durable.

The hammer drill/driver ASB and drill/driver ABS achieve first-class results and optimum quality screw connections with great reliability and power. The fibreglass-reinforced housings overcome everyday

challenges in industry and manual trades. Other benefits include outstanding ergonomics and very low weight, so you can achieve professional, efficient results - effortlessly.



Technical data

Model	2-speed cordless hammer drill/driver ASB		2-speed cordless drill/driver ABS	
Features	<ul style="list-style-type: none"> ▶ 4-pole DC motor with overload protection. ▶ FEIN Li-ion battery with SafetyCell technology. ▶ Solid metal quick clamping drill chuck. ▶ 2-speed solid metal gearbox. ▶ Compact design. ▶ Striking mechanism. 		<ul style="list-style-type: none"> ▶ 4-pole DC motor with overload protection. ▶ FEIN Li-ion battery with SafetyCell technology. ▶ Solid metal quick clamping drill chuck. ▶ 2-speed solid metal gearbox. ▶ Compact design. 	
Battery voltage (capacity)	18 V (4 Ah)	14.4 V (4 Ah)	18 V (4 Ah)	14.4 V (4 Ah)
Screw connections / battery charge*	All devices also available with 2 Ah.		All devices also available with 2 Ah.	
Idling speeds, 1st/2nd gear	550/1600 rpm	450/1600 rpm	550/1600 rpm	450/1600 rpm
Max. torque	60 Nm	55 Nm	60 Nm	55 Nm
Max. screw diameter	8 x 300 mm	8 x 200 mm	8 x 300 mm	8 x 200 mm
Drill chuck clamping width	1.5 - 13 mm		1.5 - 13 mm	
Weight	from 1.9 kg		from 1.8 kg	
Contents	1 cordless (hammer) drill/driver, 2 Li-ion batteries (4 Ah or 2 Ah), 1 rapid charger ALG 50, 1 plastic tool case.			

* 5 x 40 mm wood screws in soft wood.



Impact function

The hammer function can be activated on the ASB makes for quick and precise drilling in stone and masonry.

24 torque levels

24 torque levels plus drilling level guarantee even driving depths without the screw heads shearing off.

Light and easy to use

Fatigue-free working thanks to compact and lightweight design. Up to 750 screws can be connected per battery charge.

FEIN cordless impact wrench/driver – extremely robust for tough jobs.

The FEIN impact wrench/driver set new standards in securing and loosening screws, even in challenging scenarios. Their compact design and 250 Nm torque make them perfect for assembly work,

machine construction, service work by roofers and carpenters, and automotive assembly. The FEIN cordless impact wrenches offer impressive ergonomics, maximum efficiency and reliability.



Compact design



Extremely compact and robust – thanks to lightweight, fibreglass-reinforced housing.

Torques up to 250 Nm





Fastening and releasing screws with extremely high torques of up to 250 Nm and little kick-back.

Challenging screw connections



Minimum effort even for challenging screw connections, e.g. in wood processing.

Technical data

Model	Cordless impact wrench ASCD W2	Cordless impact driver ASCD W4
		
Features	<ul style="list-style-type: none"> ▶ 4-pole DC motor with overload protection. ▶ FEIN Li-ion battery with SafetyCell technology. ▶ Torque of up to 250 Nm. ▶ 1/2" square holder. ▶ Compact design. ▶ Radial impact function. 	<ul style="list-style-type: none"> ▶ 4-pole DC motor with overload protection. ▶ FEIN Li-ion battery with SafetyCell technology. ▶ Torque of up to 158 Nm. ▶ 1/4" hexagonal holder. ▶ Compact design. ▶ Radial impact function.
Battery voltage (capacity)	18 V (4 Ah) Also available with 2 Ah.	18 V (4 Ah) Also available with 2 Ah.
Idling speed	2200 rpm	2200 rpm
Number of blows	3200 rpm	3200 rpm
Max. torque	250 Nm	158 Nm
Max. screw diameter	M16	M14
Weight	from 1.5 kg	from 1.5 kg
Contents	1 cordless impact wrench/driver, 2 Li-ion batteries (4 Ah or 2 Ah), 1 rapid charger ALG 50, 1 plastic tool case.	

FEIN cordless drill/driver accessories

Ideal for the building site – compact and robust: the FEIN LED lamp.



Compatible with FEIN Li-ion batteries of all voltage classes (12/ 14/18V) and capacities.



Dimmable daylight LED lamp with suspension bracket.



Swivel-mounted lamp head, individually adjustable.

ALED FEIN cordless LED lamp

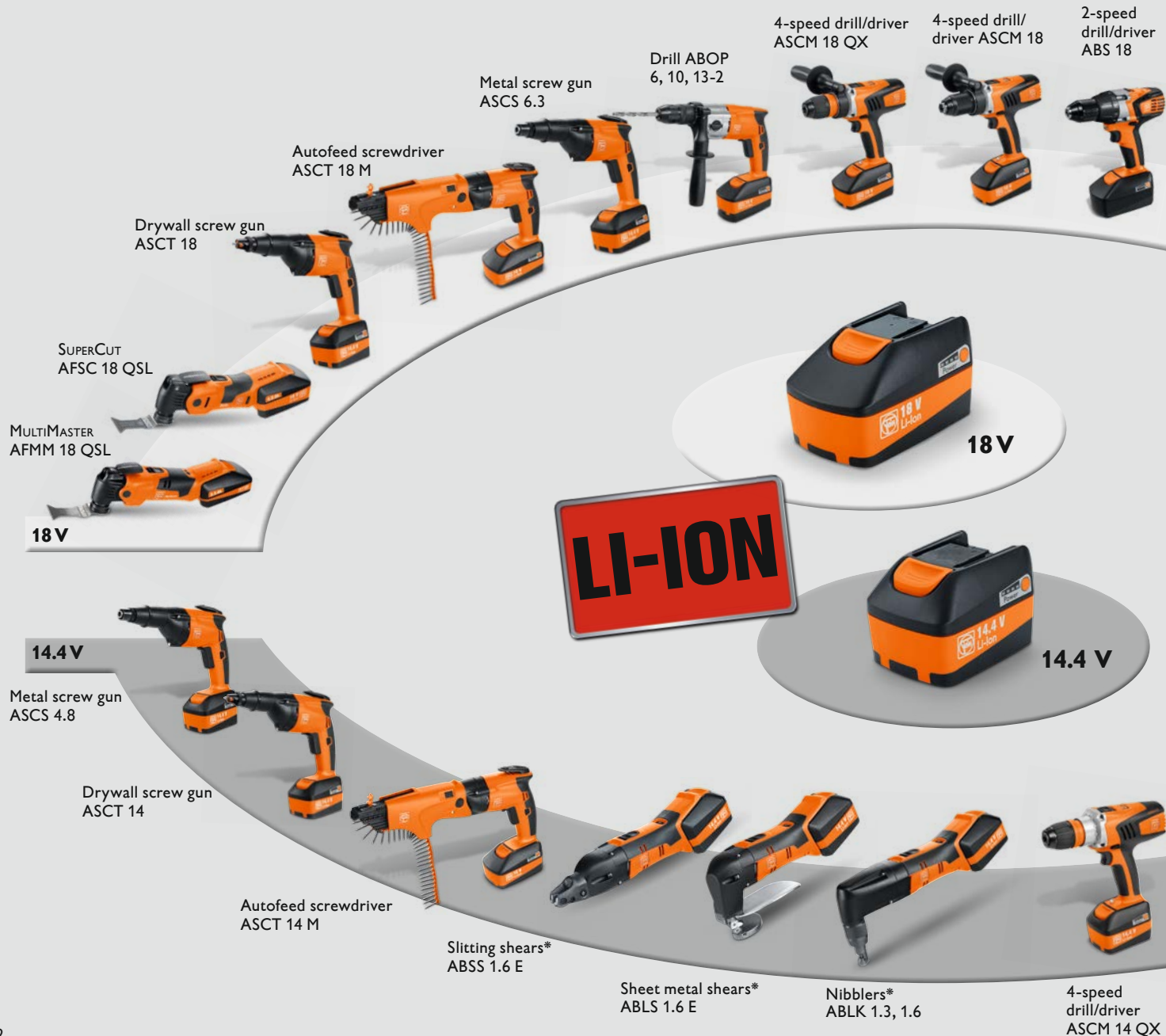
Order no.	9 26 04 200 02 0
RRP plus VAT	XX €
RRP including VAT	XX €



The cordless FEIN range – unique, reliable and extremely durable.

The new cordless drill/drivers make FEIN's range of cordless tools even better. At the heart of this range lie the new FEIN Li-ion batteries in 18 V and 14.4 V, available with 5 Ah and 2.5 Ah. Since they are considerably lighter, smaller and cheaper, the 2.5 Ah batteries are particularly beneficial.

All FEIN Li-ion batteries feature the new SafetyCell technology. A separate communication cable protects the battery and tool from damage due to overload – making the FEIN battery technology long-lasting and safe.



* Also available in 18 V from September 2016.

LI-ION TECHNOLOGY

FEIN benefit:

- ▶ Long service life.
- ▶ Individual cell monitoring.
- ▶ Cells capable of high currents.
- ▶ Little self-discharge.
- ▶ 50% lighter than Ni-Cd batteries with the same level of performance.
- ▶ No memory effect – batteries can be charged at any time.

Significantly lighter



4 Ah battery

Order number:

9 26 04 173 02 0 (18V)

9 26 04 172 02 0 (14,4V)

2 Ah battery

Order number:

9 26 04 171 02 0 (18V)

9 26 04 170 02 0 (14.4V)

2.5Ah batteries greatly reduce the weight and size of the tool and have a service life sufficient for most applications.

FEIN SafetyCell technology



The new SafetyCell technology reliably protects the battery from overload, overheating and total discharge by means of a separate communication cable.

FEIN rapid chargers ALG 30 and 50



ALG 30

ALG 50

The FEIN rapid chargers have genuine single cell monitoring and are suited to all FEIN Li-ion batteries. The gentle charge process greatly extends the service life of the batteries.

2-speed hammer drill/driver
ASB 18



Impact wrench
ASCD 18 W2



Impact driver
ASCD 18 W4



Angle drill
AWBP



Cordless thread drill
AGWP



Cordless 12-18V
LED lamp



18V

14.4V

Cordless 12-18V
LED lamp



2-speed hammer
drill/driver ASB 14



2-speed drill/driver
ABS 14



4-speed drill/driver
ASCM 14



An overview of the new FEIN cordless drill/drivers.

4-speed cordless drill/driver



		ASCM 18 QX	ASCM 18 QXC	ASCM 14 QX	ASCM 14 QXC	ASCM 18	ASCM 18 C	ASCM 14	ASCM 14 C
Battery voltage	V	18	18	14.4	14.4	18	18	14.4	14.4
Capacity	Ah	5	2.5	5	2.5	5	2.5	5	2.5
Motor		brushless	brushless	brushless	brushless	brushless	brushless	brushless	brushless
Idling speeds	rpm	400/800/ 1950/3850	400/800/ 1950/3850	400/800/ 1950/3850	400/800/ 1950/3850	400/800/ 1950/3850	400/800/ 1950/3850	400/800/ 1950/3850	400/800/ 1950/3850
Number of blows	rpm	-	-	-	-	-	-	-	-
Max. torque	Nm	90	85	85	80	90	85	85	80
Max. screw diameter	mm	10x400	10x400	8x300	8x300	10x400	10x400	8x300	8x300
Max. metric screw diameter	mm	-	-	-	-	-	-	-	-
Max. hole diameter in wood	mm	50	50	50	50	50	50	50	50
Max. hole diameter in metal	mm	13	13	13	13	13	13	13	13
Max. hole diameter in stone	mm	-	-	-	-	-	-	-	-
Weight	kg	2.0	1.7	1.9	1.7	2.2	2.0	2.1	1.9
Order number		7 116 04 61	7 116 08 61	7 116 02 61	7 116 06 61	7 116 03 61	7 116 07 61	7 116 01 61	7 116 05 61

FEIN SELECT⁺: Tools without battery or charger

Order number	7 116 04 62 00 0	-	7 116 03 62 00 0	-
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2-speed cordless hammer drill/driver				2-speed cordless drill/driver				Cordless impact wrench/driver			
ASB 18	ASB 18 C	ASB 14	ASB 14 C	ABS 18	ABS 18 C	ABS 14	ABS 14 C	ASCD 18 W2	ASCD 18 W2C	ASCD 18 W4	ASCD 18 W4C
18 4	18 2	14.4 4	14.4 2	18 4	18 2	14.4 4	14.4 2	18 4	18 2	18 4	18 2
4-pin DC	4-pin DC	4-pin DC	4-pin DC	4-pin DC	4-pin DC	4-pin DC	4-pin DC	4-pin DC	4-pin DC	4-pin DC	4-pin DC
550/1600	550/1600	450/1600	450/1600	550/1600	550/1600	450/1600	450/1600	2200	2200	2200	2200
9350/ 29 000	9350/ 29 000	9350/ 27 200	9350/ 27 200	-	-	-	-	3200	3200	3200	3200
60	55	55	50	60	55	55	50	250	250	158	158
8x300	8x300	8x200	8x200	8x300	8x300	8x200	8x200	10	10	8	8
-	-	-	-	-	-	-	-	M16	M16	M14	M14
50	50	35	35	50	50	35	35	-	-	-	-
13	13	13	13	13	13	13	13	-	-	-	-
14	14	13	13	-	-	-	-	-	-	-	-
2.2	2.0	2.1	1.9	2.1	1.8	2.0	1.8	1.8	1.5	1.8	1.5
7 104 06 61	7 104 06 62	7 104 05 61	7 104 05 62	7 113 19 61	7 113 19 62	7 113 18 61	7 113 18 62	7 115 01 61	7 115 01 62	7 115 02 61	7 115 02 62
7 104 06 63 00 0		-		7 113 19 63 00 0		-		7 115 01 63 00 0		7 115 02 63 00 0	

**FEIN. Unverwüstliche
Elektrowerkzeuge.**



**For anyone looking for even more power:
The double pack for professionals.**

**FEIN Profi Combo
AFMM 18 QSL + ASB 18**



14.4 V

- Supplied:**
- 1 battery-powered MULTIMASTER AFMM 18 QSL
 - 1 cordless hammer drill/driver ASB 18
 - 2 Li-ion batteries, 184 V, 2.5 Ah
 - 1 rapid charger ALG 50
 - 1 plastic tool case
- Order number:** 7 190 05 63

**FEIN Profi Combo
ABS 18 C + ASCD 18 W2C**



18 V

- Supplied:**
- 1 cordless drill/driver ABS 18 C
 - 1 cordless impact wrench ASCD 18 W2C
 - 2 Li-ion batteries, 18 V, 2 Ah
 - 1 rapid charger ALG 50
 - 1 plastic tool case
- Order number:** 7 190 04 61

If you have any further questions, your specialist dealer will be happy to help.



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