

ZECA

Z

TECHNICAL EXCELLENCE. SINCE 1929.

ELECTRIC and PLUG-IN CARS

EQUIPMENT FOR CHARGING
& MAINTENANCE

EQUIPMENT FOR CHARGING
& MAINTENANCE OF

ELECTRIC AND PLUG-IN CARS



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EV REELS**

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SERVICING
AREAS
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universal
MULTIMETER**

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**ZETEK KBT600
BATTERY TESTER
+ alternator
+ ignition**

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The growth of electric mobility

Environment and mobility

The automotive industry is constantly moving towards more sustainable, hybrid or completely electric vehicles.

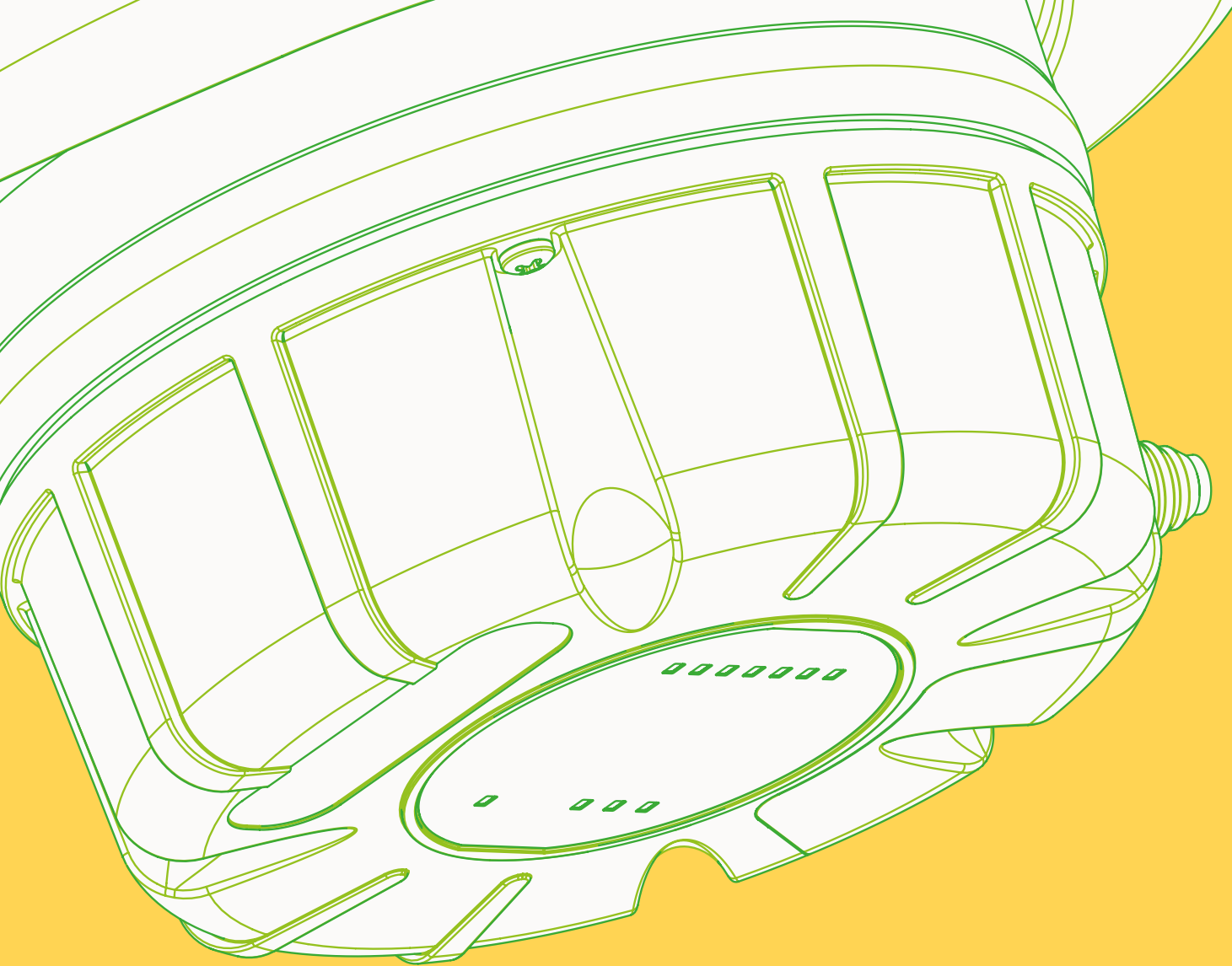
The governments of many countries have implemented long-term plans and incentives to help individuals switch to electric cars and motorbikes



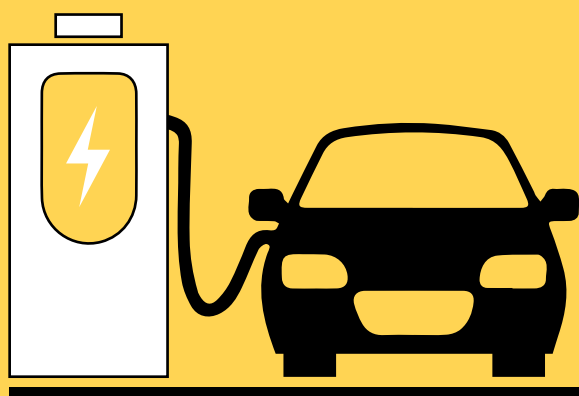
Why

do you also need to buy a wallbox when you purchase an electric car?

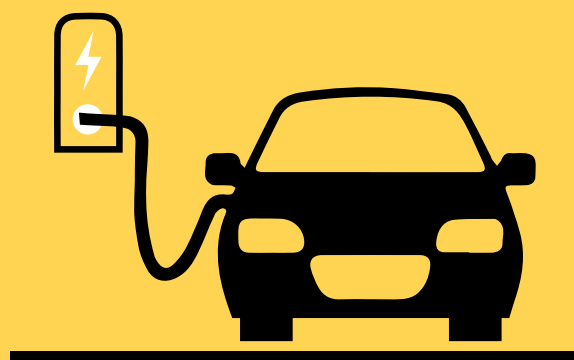
Electric and hybrid cars **CANNOT BE CHARGED DIRECTLY AT THE POWER OUTLET**. They require an accessory known as a 'WALLBOX' which checks and limits the power supplied to the car, this avoids power surges and ensures that the maximum power consumption is not exceeded.



Electric cars can be charged at public charging stations or private wallboxes



Public charging stations



Wallbox charge in the garage

The Zeca range for charging electric vehicles

The aim of EV reels is to make charging safer and more convenient.



REEL



POWER
3.8 Kw

CABLE LENGTH
5 metres



POWER
up to 22 Kw

CABLE LENGTH
8 metres

WALLBOX + REEL



POWER
3.8 Kw

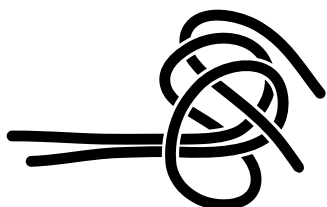
CABLE LENGTH
5 metres



ALSO AVAILABLE WITH WI-FI



Zeca **EV REELS** **the benefits**



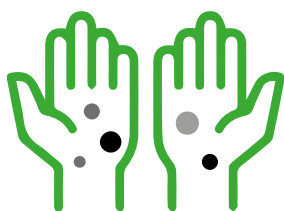
Tidiness

No more tangled cables in the way.



Time saving

Charging your car will be much simpler and quicker



Cleanliness

Your hands won't get dirty because there is no direct contact with the cable.



Safety

Cables are safely stored without the risk of getting caught



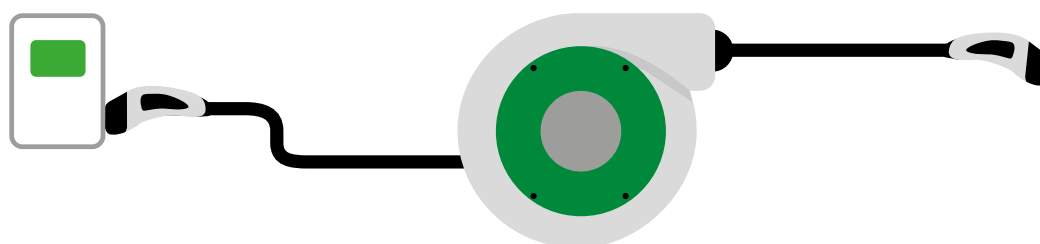
The Zeca EV series can be installed both for private use and in public places, such as hotel garages, car dealerships and shopping centres.



If you already have a wallbox

YOUR WALL-
BOX

ZECA EV REEL



The extension, connected to your wallbox, helps to protect the cables and keep your garage tidy.



Reel with built-in wallbox



The reel with built-in wallbox combines the functionality of the wallbox with the convenience of the reel.

All in a single product.

What do you need to know to choose the right wallbox?

The difference between the sockets

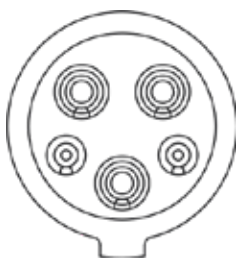
Type 1

(Asaki):
used mainly all in Japanese cars

Type 1 sockets only allow single-phase charging (230V)



SAE J1772-2009
MAX 32A 230V



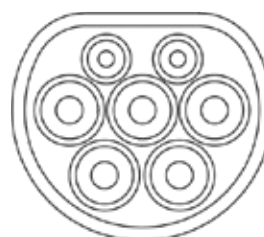
Type 2

(Mennekes):
**THE MOST WIDELY USED
IN EUROPE**

Type 2 sockets allow single-phase (230V)
and three-phase (400V) charging



VDE-AR-E-2623-2-2
MAX 32A 230V / 32A 400V



OTHER SOCKETS

CCS Combo 2
CHARGING
METHOD
Direct
current (DC)
Mode 4



There are still type 3 sockets in existence, but are now obsolete.
They were used on charging stations.

Combo2 sockets, on the other hand, are only found on public charging stations for rapid DC charging:
the cable is very short and thick to withstand very high power.

Installation



Who can install the wallbox?

All wallboxes must be installed by a **professional electrician**, and must comply with all the regulations for correct operation.

How is it installed?

The input cable is connected directly to the electrical panel with a dedicated switch.



WALLBOX FEATURES

Up to 3.8 Kw

IP 42

16 A

Single-phase

Outlet cable length 5 m

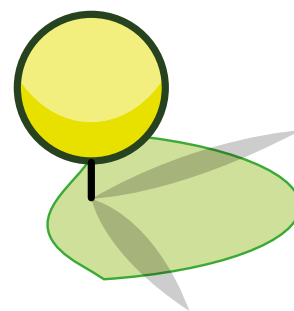
Available with both type 1 and type 2 socket

It is also available with wi-fi, so you can to manage the power and the charging status from your smartphone



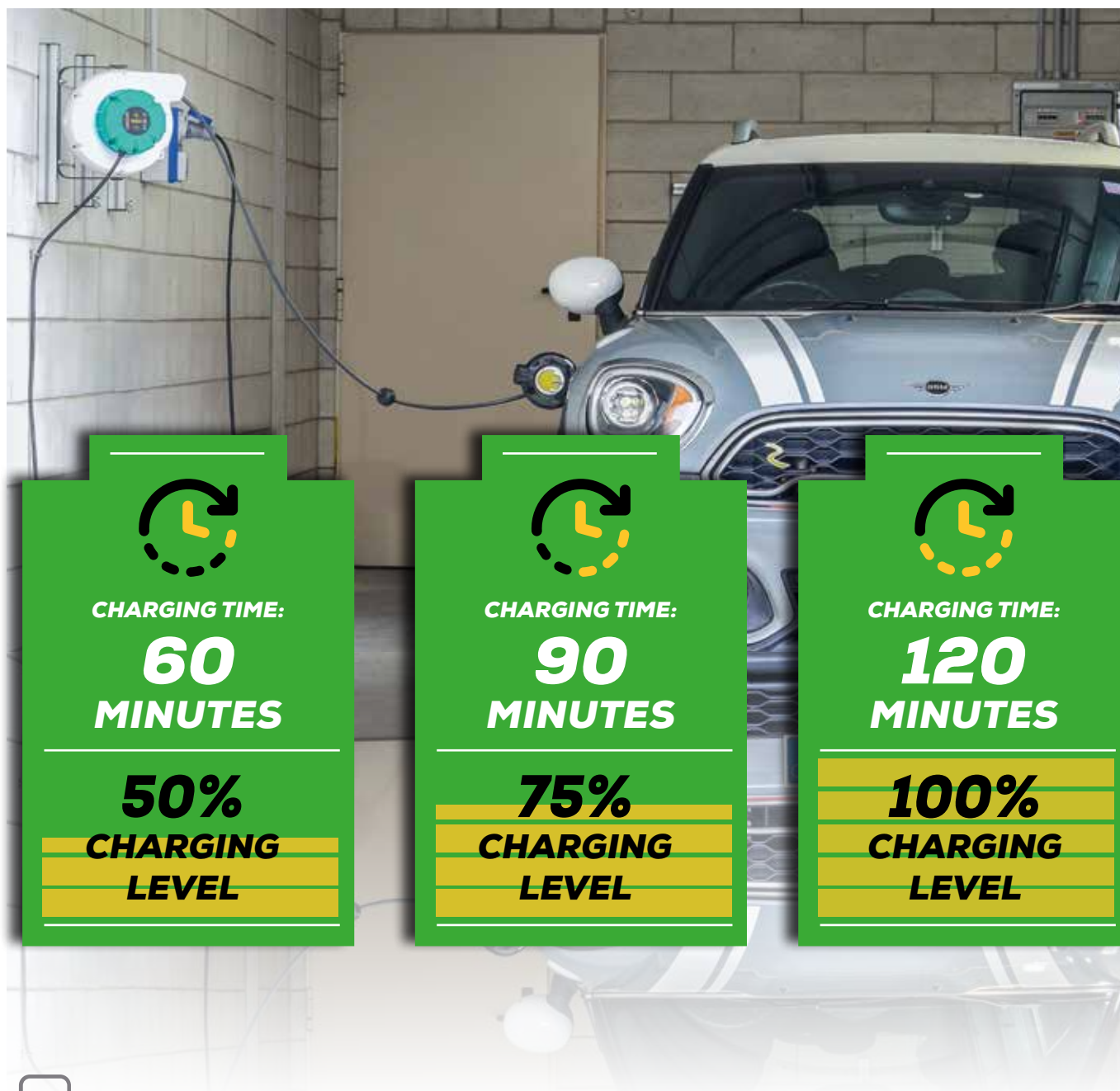
All the Zeca EV reels feature a safety system (thermal cut-off switch) which detects excessive heating of the cable. For further details, please consult the manual provided.

Charging times



The charging times vary, based on the type of car and battery

For example, the charging times for a Mini Cooper SE Countryman ALL4 (10K w) with our Wallbox (3,8 Kw)



There are specialist sites on the internet that are constantly updated with all the charging times of the models available on the market.

Check your Wallbox via **WI-FI**

The wi-fi function of your Zeca wallbox allows you to check the power and charging time from the comfort of your home.

A direct connection with your smartphone or tablet is also possible, if you are near the reel.



STEP 1 configure the device

If you connect the wallbox to your wi-fi network, you can check it from your home

If you are in the garage near the wallbox, you can connect directly via your smartphone browser.

STEP 2 the interface allows you to:

Check the charging status and relevant data

Choose the power

Set the battery charging percentage

Set the timer

For further details, please consult the user manual.



How to choose the correct power

To choose the right charging power of any wallbox, you need to consider 2 factors:

1

The maximum power supported by your meter

2

How much power is available when charging

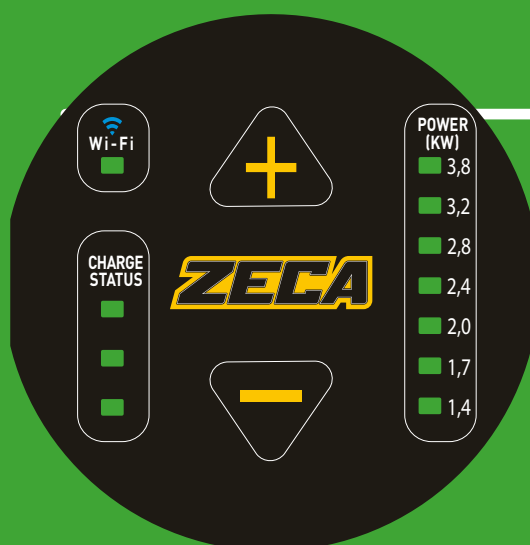
FOR EXAMPLE

...

If your household meter has a maximum power of 3.7 Kw and the electrical appliances are using 2 Kw, you need to set the charging power to a maximum of 1.7 Kw.

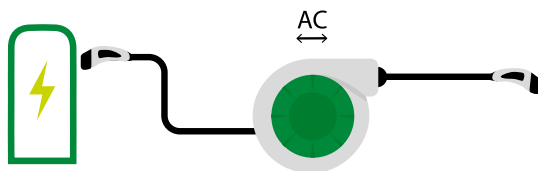
CHOOSE THE POWER ON THE ZECA WALLBOX

YOU CAN SELECT 7 LEVELS OF POWER

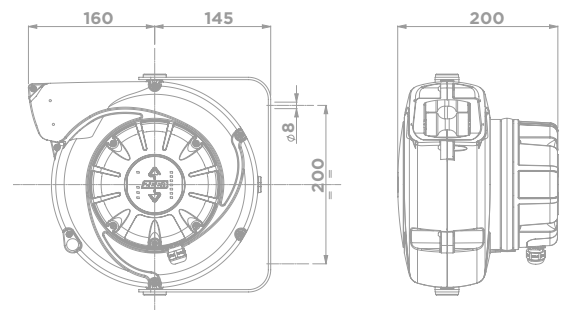


KW	3.8	3.2	2.8	2.4	2.0	1.7	1.4
A	16	14	12	10	8.5	7.5	6

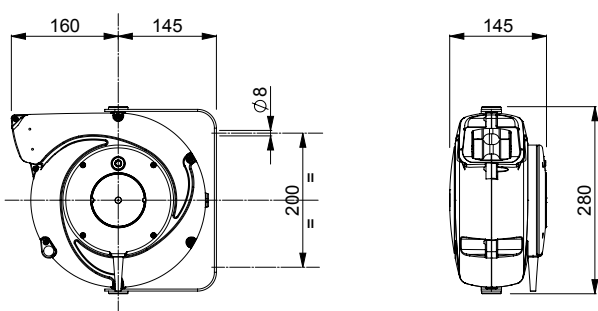
The wi-fi function on the Zeca wallbox allows you to choose a specific time for the recharge, even in the middle of the night!



EV2WB
REEL + WALLBOX



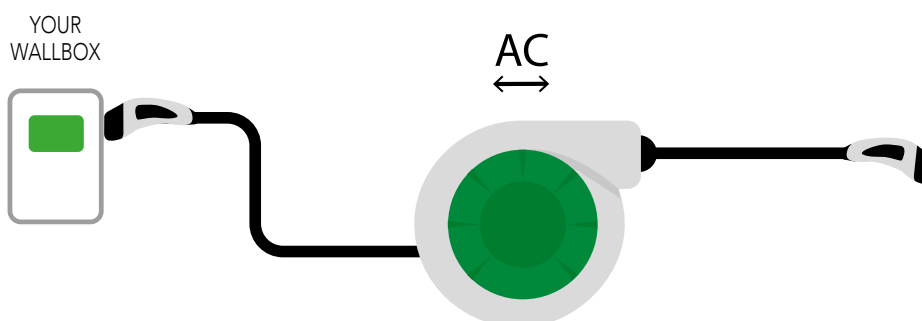
CODE	CABLE	CHARGER	OUTLET PLUG	CABLE LENGTH	IP PROTECTION RATING	WI-FI
EV2161WB+	3G2.5 + 1x0.5	single phase 16A	TYPE 1	5 m	IP 42	✓
EV2161WB	3G2.5 + 1x0.5	single phase 16A	TYPE 1	5 m	IP 42	
EV2162WB+	3G2.5 + 1x0.5	single phase 16A	TYPE 2	5 m	IP 42	✓
EV2162WB	3G2.5 + 1x0.5	single phase 16A	TYPE 2	5 m	IP 42	



EV2
REEL

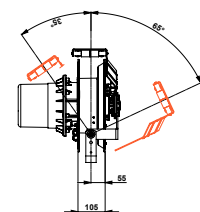
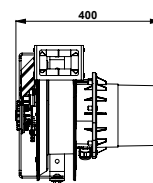
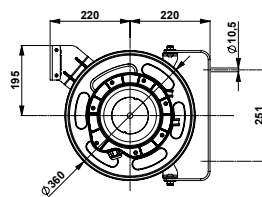
CONNECTED TO YOUR WALLBOX,
FOR CHARGING
IN COMPLETE SAFETY.

CODE	CABLE	CHARGE	INPUT PLUG	OUTLET socket	CABLE LENGTH	IP PROTECTION RATING
EV2161	3G2.5 + 1x0.5	single phase 16A	TYPE 2	TYPE 1	5 m	IP 42
EV2162	3G2.5 + 1x0.5	single phase 16A	TYPE 2	TYPE 2	5 m	IP 42





EV6 REEL



CODE	CABLE	CHARGER	INPUT PLUG	OUTLET SOCKET	CABLE LENGTH	IP PROTECTION RATING
EV6321	3G6 + 1x0.5	32A	TYPE 2	TYPE 1	8 m	IP 65
EV6322	3G6 + 1x0.5	single phase 32A	TYPE 2	TYPE 2	8 m	IP 65
EV6162T	5G2.5 + 1x0.5	three-phase 16A	TYPE 2	TYPE 2	8 m	IP 65
EV6322T	5G6 + 1x05	three-phase 32A	TYPE 2	TYPE 2	8 m	IP 65

EV6 ADD-ONS

ART. 1401 SWIVEL BRACKET

Ideal for mounting on the wall.



ART. 1403 FIXED BRACKET

Ideal for mounting on the wall, floor or ceiling.





art. **342**



IK09
SHOCK RESISTANT



IP64
IMPERMEABLE
WATERPROOF








COMPLIANT WITH STANDARD

IEC 11-27



INSULATED LIGHT
up to 1000V

TUV Rheinland certified No. 50206918 001

LIGHT

	Light source	19 LED 5mm ultra white
	Emission angle	15°
	Power	1.5 W
	Light flux	160 lumen
	Front lighting	1500lux @ 50 cm

BATTERY

Type	3.7V Li-PO
Capacity	2200 mAh
 Autonomy	4.5/9 h
 Charging time with base	2.5 h



art. **345**








IK09
SHOCK RESISTANT







IP64
IMPERMEABLE
WATERPROOF

LIGHT

	Light source	COB LED
	Emission angle	120°
	Power	4.5 W
	Light flux	430 lumen
	Front lighting	800lux @ 50 cm

BATTERY

	Type	3.7V Li-PO
	Capacity	4400 mAh
	Autonomy	4/2.5 h
	Charging time with base	3.5 h



COMPLIANT WITH STANDARD
IEC 11-27
INSULATED LIGHT
up to 1000V

TUV Rheinland certified No. 50206918 001



Art. 210



15 SECONDS
VELOCE
FAST



TESTER
ALTERNATORE
ALTERNATOR
TESTER



TESTER
BATTERIA
BATTERY
TESTER



Suitable for checking
auxiliary and back-up batter-
ies

- 12V battery test.
- 12V alternator test for cars and trucks.
- Easy-to-use and user-friendly.
- Duration of test: 15 seconds.
- Performs the battery test in compliance with the following standards: EN - EN2 - DIN - IEC - SAE - JIS.
- Suitable for standard, GEL, VRLA, AGM and SLA batteries.
- Temperature compensation.
- Dual contact clamp (Kelvin connection).
- Test performed with low voltage, with no risk of sparks or overheating to avoid damage to the electronic control unit.
- The test does not run down the battery.
- 2x16 display with high visibility characters and LED backlighting.
- Results available in 6 languages.
- Technopolymer container, with soft-touch protective casing.



**HANDY FASTENING
HOOK**



Perimeter tape

Ideal for clearly defining areas dedicated to electric vehicle servicing, preventing any involuntary intrusion.

Available in 3 lengths:

- 8 metres art. 9801
- 16 metres art. 5801
- 20 metres art. 4801

All the tapes are made of polypropylene and available with the following stripes:

BLACK/YELLOW
RED/WHITE



ART. 9801/RW

Automatic reel with 8 metres of red and white striped tape.



ART. 9801/BY

Automatic reel with 8 metres black and yellow striped tape.



ART. 5801/RW

Automatic reel with 16 metres of red and white striped tape.

ART. 5801/BY

Automatic reel with 16 metres black and yellow striped tape.

ART. 4801/RW

Automatic reel with 20 metres of red and white striped tape.

ART. 4801/BY

Automatic reel with 20 metres black and yellow striped tape.

NON-CONTACT MULTIMETER

ZETEX

KM035

**UNIVERSAL MULTIMETER
WITH NON-CONTACT
VOLTAGE DETECTION**



COMPLIANT WITH STANDARD
IEC 11-27

CONCERNING THE SAFETY
OF WORK ON
ELECTRICAL VEHICLES



10 A
AC/DC



NOISE MEASURE-
MENT



DISPLAY



BACKLIGHTING
BRIGHTNESS



600 V
AC/DC



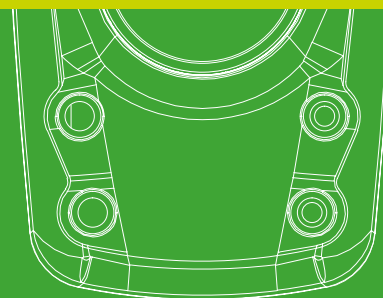
RESISTANCE



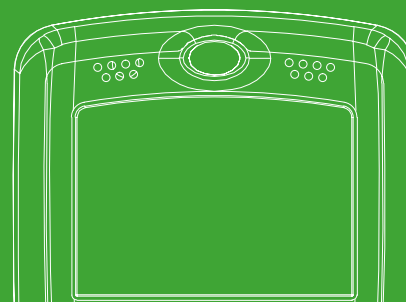
TEMPERATURE



NON CONTACT
VOLTAGE DETECTOR



AC/DC voltage	400mV, 4V, 40V, 100V, 250V, 600V
AC/DC current	400μA, 4mA, 40mA, 400mA, 10A
Frequency	5Hz, 50Hz, 500Hz, 5kHz, 50kHz, 500kHz, 10MHz
Resistance	400Ω, 4kΩ, 40kΩ, 400kΩ, 4MΩ, 40MΩ
Continuity	R < 50 Ω
Brightness	4000 / 40000 lux
Capacity	50nF, 500nF, 5μF, 50μF, 100μF
Sound level	35 / 100 dB
Humidity	33% / 99% RH
Temperature	-20°C / 1300°C
Diode test	✓
NCV	✓
Value locked	✓
Auto off	15 min
Category ratings	Cat. III 1000V Cat. IV 600V
Power supply	1 x 9V battery not included



ZETEK

KBT600

**BATTERY TESTER
+ ALTERNATOR
+ IGNITION**



**SPEED
FAST**



**RIPPLE
TEST**



**TESTER
BATTERIA
BATTERY
TESTER**



**TESTER
ALTERNATORE
ALTERNATOR
TESTER**

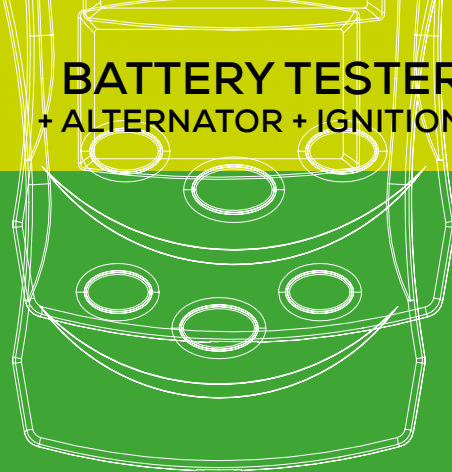


**SCONTRINO
PERSONALIZZABILE
CUSTOMIZABLE
REPORT**



**Suitable for checking
auxiliary and back-up batter-
ies**

**BATTERY TESTER
+ ALTERNATOR + IGNITION**



BATTER TESTER WITH PRINTER

The KBT600 is a professional tester which allows you to check all types of standard and start&stop batteries, as well as ignition systems. It can be used for all types of vehicles including trucks, without having to remove the battery from the vehicle.



CHARGING TEST



STARTER

Type of battery EFB / AGM FLAT PLATE
that can be checked STANDARD LIQUID (LEAD)
AGM SPIRAL / VRLA / GEL

Measurement range SAE (CCA) (40~2000 CCA)
EN (CCA) (40~1885 CCA)
IEC (CCA) (30~1320 CCA)
DIN (CCA) (25~1120 CCA)
JIS (with battery code
CA/MCA (50~2400 CCA)

Alternators/ignition systems 12 / 24 V

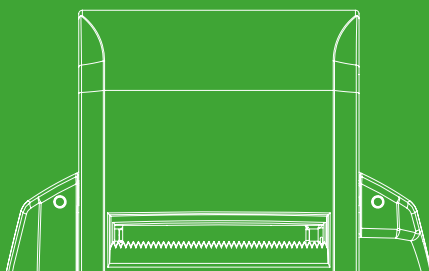
Results in 2 seconds

2-inch thermal printer

Dimension / Weight 250 x 145 x 65 mm
230 g.

Languages English, French, Spanish, Ger-
man, Italian, Portuguese

Powered by 4 AAA batteries NOT INCLUDED



**EQUIPMENT FOR CHARGING
& MAINTENANCE
ELECTRIC AND PLUG-IN CARS**



TECHNICAL EXCELLENCE. SINCE 1929.

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