

SAFEST LITHIUM BATTERY PACK
FULL CHARGE IN 100 MIN.



A100
ZERO EMISSIONS CITY CAR 



AChENSA

Small and Silent

This smart ACHENSA City car will change transport in cities or local areas forever. The mix of its compact size and diversifying E-technology ensures a comfortable and passionate driving experience. Parking is easy and it will take you to areas which are normally not accessible. The silent driving gives you peace and will enable anybody to visit nature spots where nobody will be disturbed.





Smart

Depending on the use of the City car we offer the choice between the 45km/hr and 80km/hr model. The AchenSA has a mobility solution for everybody. Youngsters(>16 yr), businesspeople, senior citizens or moms can all enjoy the freedom of this City car. With a range of max. 85km* you will be able to visit any place in your area.





Sustainable

The Achensa is powered by the safest Lithium battery technology and gives off no CO₂ emissions and is 100% free of other pollutants. You can charge it anywhere and the maintenance is much cheaper because there is less moving parts and fewer things that can break down compared to a petrol/gas car. Go for a fun green drive at much lower cost!

Safety **DOSBAS®** (patented worldwide)

This safe battery technology has obtained world patent rights for single and composite technologies, such as series and parallel loops, fuse security loops, separate configuration and so on. Charging and discharging proves to be safe under all circumstances. Furthermore this technology has passed multiple pressure and penetration impact testing and proves to prevent from catching fire and explosion hazard during extreme circumstances.

CE

100 min.
Full charge





Interior

- Digital LCD panel
- Dashboard with modern look
- Classic seat
- Radio integrated
- Heater climate control

Optional

- Solar panel roof
- Air conditioning
- Sunroof
- Genuine leather seat



Technical Specification

Brand	ACHENSA
Model	A100
Body Style	2-door , 2-seat
Dimensions(L/W/H)	2,173mm x 1,095mm x 1,753mm
Wheelbase	1,400mm
Curb Weight*1	440kg (including standard battery pack)
Max. Speed*2	45km/h (L6e) / 80km/h (L7e)

Color



Motor

Electric Motor	AC Traction Motor
Max. Output	3KW

Battery

Type	PHET [®] C-LiFePO ₄ Battery with World Patented DOSBAS [®] safe battery pack system
Capacity*3	5.7 KWh
Driving Range*4	75~85km

PHET[®] is the first battery manufacturer mass producing consistent cylindrical C-LiFePO₄ batteries using automatic production processes including microprocessor-sorting.(Operating temperature -30°C~65°C)

Charging System

Charger	On-board Charger
Input Power	90V~250V /30A
Charging Time	Full charge in 100 min.
Certification	Certified with CNS 15511

Other Information

Power train	Rear Wheel Drive
Wheels	13" Aluminum Alloy Wheel
Tires	140/60 - 13 (Optional: 150/70 -13)
Brakes	Front Disc / Rear Drum

Origin of Achensa

The Achensa is created by one of the world's leading C-LiFePO₄ battery & EV manufacturer: Pihsiang Machinery listed stock exchange in Taiwan. Besides the E-car we manufacture the DOSBAS[®] patented safest Lithium battery technology which powers this vehicle and makes it unique. We integrated design, car technology and E-technology in such a way that it meets the demands of a new generation asking for safe and sustainable transport in cities and local areas. Achensa means: **ACH**ievement **EN**vironment and **SA**fety.

ACHENSA

*1. Curb weight depends on the option.

*2. Max. Speed is depending on the different country, regulation...etc.

*3. Different capacity is depending on the customer's request

*4. Actual range per charge will be various by the road condition, weather, temperature, carrying weight, tire pressure, wind...etc.

*ACHENSA[®] reserves all rights to change the wording and specification without prior notice.



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