

# PRODUCT BROCHURE ELECTRIC VEHICLES

## CHARGERS



Mobile charging power  
Supply vehicle  
Capacity: 550 KWH

Protocole	National standard
Battery type	LFP
Power	512 KW
Voltage	DC 550 ~ 650 V
Current	DC 200 A x 4 (4 plugs)
Charging / discharging time	1 h
Charging mode 1	3AC 380 V
Charging mode 2	DC 600 ~ 750 V
Dimension mm (W*D*H)	2400 x 8500 x 3400
Vehicle weight	21 T



Prefabricated charge station (1600 KVA)

Supply power	3 AC 10 kV
Output voltage	DC 24 ~ 750 V
Output current	DC 500 A x 4
IP Grade	IP 34
Dimension mm (W*D*H)	3600 x 9820 x 3070
Vehicle weight	40 T



All in one charger with double plugs (360 KW)

Supply power	3AC 380 V
Output voltage	DC 24 ~ 750 V
Output current	DC 0 ~ 480 A
Power factor	> 0.95
Efficiency	95 %
IP Grade	IP 54
Dimension mm (W*D*H)	1400 x 900 x 2200
Vehicle weight	700 kg

## ELECTRIC BUSES



### 6 m pure electric touring bus series

Low energy consumption, low noise, zero pollution

Reliable, safety, high energy density, long cycle life batteries

Integral body structure. CAE analysis design., with multi-strengthen structure, and with press forming of covering profile to improve strengthen and stiffness of the vehicle. Liquid cooling for the motor and motor controller, safety guard, IP 67, automatic smart charging recognition, fast charging.

LxWxH (mm)	6005 x 2040 x 2725
Fuel type	LFP batteries
Rated passenger capacity (including driver) / seating	10 - 18
Max speed (km / h)	100
Battery capacity / voltage	160 AH / 384 V
Max total weight (kg)	4860
Curb weight (kg)	3325



**8 m pure electric touring bus series**

Humanized design to ensure safety and comfort.

The safety structure, closed loop design to ensure slight deformation, large survival space, electric steering wheel, with safer, easeful driving experience, cooling design for the motor and motor controller, IP 67 protection.

Automatic smart charging recognition, fast charge, concise interior trimming, nice looking, easier for cleaning and more comfortable.

LxWxH (mm)	8050 x 2400 x 2950
Fuel type	LFP batteries
Rated passenger capacity (including driver) / seating	50 / 10 - 22
Max speed (km / h)	69
Battery capacity / voltage	185 AH / 537.6 V
Max total weight (kg)	10000
Curb weight (kg)	6250



### 11 m pure electric touring bus series

Comprehensive, excellent design, smart and with attentiveness.

Safety structure, closed loop design, ensures slight deformation, when impact occur, large survival space, electric power-assisted steering, safer and easeful driving experience.

Low energy consumption, low noise, zero pollution. High reliability and safety, long cycle life battery.

LxWxH (mm)	10690 x 2500 x 3560
Fuel type	LFP batteries
Rated passenger capacity (including driver) / seating	51, 24-49
Max speed (km / h)	100
Battery capacity / voltage	400 AH / 576 V
Max total weight (kg)	16500
Curb weight (kg)	12000 / 12670



**6 m passenger vehicle series**

Super silent driving experience. Comfortable none noise electric motor. Zero pollution, pure electric. Zero emission with zero pollution electric technology.

LxWxH (mm)	6005 x 1835 x 1890
Fuel type	LFP batteries
Rated passenger capacity (including driver) / seating	10 - 18
Max speed (km / h)	100
Battery capacity / voltage	160 AH / 384 V
Max total weight (kg)	3350
Curb weight (kg)	2350



### 6,6 m passenger vehicle series

With luxurious driving space, comfortable experience. Monocoque frame, with optimized distribution, ultra long wheel base, larger space.

LxWxH (mm)	6600 x 2250 x 2890
Fuel type	LFP batteries
Rated passenger capacity (including driver) / seating	28 / 10 - 22
Max speed (km / h)	69
Battery capacity / voltage	110 AH / 576 V, 130 AH / 576 V
Max total weight (kg)	7000
Curb weight (kg)	5050, 5150



**7 m passenger vehicle series**

High performance lithium-ion battery technology. LTO batteries, long cycle life, better performance at energy storage. Zero pollution, pure electric. Zero emission with zero pollution electric technology.

Super silent driving experience. Easeful none noise electric motor driving.

LxWxH (mm)	7005 x 2040 x 2725
Fuel type	LFP batteries
Rated passenger capacity (including driver) / seating	10 - 22
Max speed (km / h)	100
Battery capacity / voltage	220 AH / 346 V
Max total weight (kg)	7000
Curb weight (kg)	4950



### 8,5 m pure electric passenger vehicle series

With luxurious driving space, comfortable experience.

Monocoque frame, with optimized distribution, safety structure, with closed loop design to ensure slight deformation when impact occur, large survival space, electric power-assisted steering, safer, easeful driving experience.

High performance lithium-ion battery technology, energy efficient and more environmental protection:

Direct driving large torque electric motor, high safety, high stability, fast charging, and long cycle life lithium battery, with active BMS equalization technology.

LxWxH (mm)	8490 x 2480 x 3360
Fuel type	High rate LFP batteries Fast charging LTO batteries (pouch cells)
Rated passenger capacity (including driver) / seating	35 + 1 + 1 (24 - 57)
Max speed (km / h)	100
Battery capacity / voltage	180 AH / 576 V 120 AH / 552 V
Max total weight (kg)	12200
Curb weight (kg)	9000



### 8,5 m pure electric city series

With luxurious driving space, comfortable experience.

Monocoque frame, with optimized distribution, leaf spring, air suspension, long wheel base with large space.

High performance lithium-ion battery technology, energy efficient and more environmental protection:

Direct driving large torque electric motor, high safety, high stability, fast charging, and long cycle life lithium battery, with active BMS equalization technology.

LxWxH (mm)	8490 x 2480 x 3050
Fuel type	LTO batteries
Rated passenger capacity (including driver) / seating	69 / 10 - 28
Max speed (km / h)	69
Battery capacity / voltage	140 AH / 576 V 90 AH / 580 V
Max total weight (kg)	13500
Curb weight (kg)	9000



### 10,5 m pure electric city series

Comprehensive excellent design, comfort and thoughtful:

Monocoque frame, air suspension, low floor axle, with large final ratio, driving performance, aluminium alloy wheel hub, light and strong.

High performance lithium-ion battery technology, energy efficient and more environmental protection:

Direct driving large torque electric motor, high safety, high stability, fast charging, and long cycle life lithium battery, with active BMS equalization technology.

LxWxH (mm)	10480 x 2500 x 3150
Fuel type	LTO batteries
Rated passenger capacity (including driver) / seating	80 / 10 - 36
Max speed (km / h)	69
Battery capacity / voltage	120 AH / 588 V 220 AH / 576 V
Max total weight (kg)	16500
Curb weight (kg)	10200, 10800



### 10,5 m pure electric city series

Comprehensive excellent design, comfort and thoughtful:

Monocoque frame, air suspension, low floor axle, with large final ratio, driving performance, aluminium alloy wheel hub, light and strong.

High performance lithium-ion battery technology, energy efficient and more environmental protection:

Direct driving large torque electric motor, high safety, high stability, fast charging, and long cycle life lithium battery, with active BMS equalization technology.

LxWxH (mm)	10480 x 2500 x 3150
Fuel type	LTO batteries

Rated passenger capacity (including driver) / seating	80 / 13 – 35 70 / 10 – 35 60 / 10 - 35
Max speed (km / h)	115 / 88.6 / 87
Battery capacity / voltage	125 AH / 580 V 140 AH / 580 V 150 AH / 580 V
Max total weight (kg)	16500
Curb weight (kg)	11300, 11950, 12500
Battery capacity	105 AH / 580 V



**12 m pure electric vintage bus**

Vintage exterior shape, elegant and stylish

The outlook and interior trimming flexibly incorporate the classical elements and modern high-tech.

Comprehensive excellent design, comfort and thoughtful:

Monocoque frame, air suspension.

High performance lithium-ion battery technology, energy efficient and more environmental protection:

Direct driving large torque electric motor, high safety, high stability, fast charging, and long cycle life lithium battery, with active BMS equalization technology.

LxWxH (mm)	12000 x 2550 x 3450
Fuel type	LTO batteries
Rated passenger capacity (including driver) / seating	76 / 24 – 42 46 / 24 - 42
Max speed (km / h)	69
Battery capacity / voltage	180 AH / 580 V 150 AH / 580 V 300 AH / 576 V
Max total weight (kg)	18000
Curb weight (kg)	13000, 15000



**12 m pure electric city bus series (3 options of exterior shape)**

Comprehensive excellent design, comfort and thoughtful:

Monocoque frame, air suspension.

High performance lithium-ion battery technology, energy efficient and more environmental protection:

Direct driving large torque electric motor, high safety, high stability, fast charging, and long cycle life lithium battery, with active BMS equalization technology.

LxWxH (mm)	12000 x 2540 x 3050
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Fuel type	LTO batteries, LFP batteries
Rated passenger capacity (including driver) / seating	84 / 13 – 42 74 / 13 - 42
Max speed (km / h)	69
Battery capacity / voltage	LTO: 120 AH / 580 V 150 AH / 580 V 180 AH / 580 V 160 AH / 580 V 150 AH / 580 V 140 AH / 580 V LFP: 176 AH / 576 V 300 AH / 576 V 250 AH / 576 V
Max total weight (kg)	18000
Driving range (km)	150



### 12 m pure electric passenger vehicle series

Comprehensive excellent design, comfort and thoughtful:

With angular profile to present stylishness and modernity. Electric power steering, safer, easeful driving experience, with luxurious interior trimming, blazonry, and easier for cleaning. Monocoque frame, air suspension.

The new generation LTO technology, energy saving and more environmental friendly:

Low energy consumption, low noise, pollution free, high reliability, high safety, long cycle life battery.

LxWxH (mm)	12000 x 2550 x 3450
Fuel type	LTO batteries, LFP batteries

Rated passenger capacity (including driver) / seating	55 + 1 + 1 53 + 1 + 1 49 + 1 + 1
Max speed (km / h)	100
Battery capacity / voltage	260 AH / 576 V 180 AH / 580 V
Max total weight (kg)	18000
Driving range (km)	150





**13 m double decker electric city series**

High performance lithium – ion battery technology, energy saving and environmental:  
 Direct driving large torque electric motor, high safety, high stability, fast charging, and long service life lithium battery, with active BMS equalization technology.  
 All around consummate design, more comfort inside:  
 Monocoque design, air suspension.

LxWxH (mm)	12800 x 2550 x 3995
Fuel type	Fast charge LTO battery (cylindrical)
Rated passenger capacity (including driver) / seating	80 / 15 - 71 90 / 15 - 71 99 / 15 - 71
Max speed (km / h)	69
Battery capacity / voltage	240 AH / 580 V
Max total weight (kg)	25500
Driving range (km)	150



**18 m electric city bus (3 optional appearance)**

High performance lithium – ion battery technology, energy saving and environmental:  
 Direct driving large torque electric motor, high safety, high stability, fast charging, and long service life lithium battery, with active BMS equalization technology.  
 All around consummate design, more comfort inside:  
 Monocoque design, air suspension.

LxWxH (mm)	18000 x 2540 x 3070 (with top mounted A/C)
Fuel type	LTO batteries
Rated passenger capacity (including driver) / seating	107 / 12 - 50 126 / 12 - 50 141 / 12 - 50
Max speed (km / h)	69
Battery capacity / voltage	240 AH / 580 V
Max total weight (kg)	28000
Driving range (km)	150



**12 m pure electric city bus**

Comprehensive excellent design, comfort and thoughtful:

Monocoque frame, air suspension, low floor axle, with large final ratio, driving performance, aluminium alloy wheel hub, light and strong.

High performance lithium-ion battery technology, energy efficient and more environmental protection:

Direct driving large torque electric motor, high safety, high stability, fast charging, and long cycle life lithium battery, with active BMS equalization technology.

LxWxH (mm)	12000 x 2550 x 3550
Fuel type	
Rated passenger capacity (including driver) / seating	83 / 16 – 32
Battery capacity / voltage	160 AH / 580 V
Max total weight (kg)	18000
Curb weight (kg)	12600
Driving range (km)	150



### 18 m pure electric city bus

Comprehensive excellent design, comfort and thoughtful:

Monocoque frame, air suspension, low floor axle, with large final ratio, driving performance, aluminium alloy wheel hub, light and strong.

High performance lithium-ion battery technology, energy efficient and more environmental protection:

Direct driving large torque electric motor, high safety, high stability, fast charging, and long cycle life lithium battery, with active BMS equalization technology.

LxWxH (mm)	18000 x 2550 x 3350
Fuel type	
Rated passenger capacity (including driver) / seating	153 / 12 - 50
Battery capacity / voltage	80 AH / 496,8 V 120 AH x 2 / 580 V LTO: 66160H - 40 AH
Max total weight (kg)	28000
Curb weight (kg)	21000
Driving range (km)	30 / 150



### **13,7 m pure electric city bus**

Comprehensive excellent design, comfort and thoughtful:

Monocoque frame, air suspension, low floor axle, with large final ratio, driving performance, aluminium alloy wheel hub, light and strong.

High performance lithium-ion battery technology, energy efficient and more environmental protection:

Direct driving large torque electric motor, high safety, high stability, fast charging, and long cycle life lithium battery, with active BMS equalization technology.

LxWxH (mm)	14200 x 3000 x 3450
Fuel type	
Rated passenger capacity (including driver) / seating	120 / 18 + 32
Battery capacity / voltage	80 AH / 580 V 40 AH 2.3 V
Max total weight (kg)	22000
Curb weight (kg)	13000
Driving range (km)	30



**6 m electric medium size tour bus (sprinter)**

Low energy consumption, low noise, no pollution:

High reliability, security and energy density, long service life battery.

Intelligent technology inside, more comfortable experience:

Intelligent automatic identification technology for fast charging, refined interior, easier to clean and better enjoyment.

LxWxH (mm)	6140 x 2005 x 2630 (with top mounted AC)
Fuel type	LFP batteries
Rated passenger capacity (including driver) / seating	14
Battery capacity / voltage	54.7 V
Max speed (km/h)	69
Driving range (km)	250

## ELECTRIC CARS



### Electric pick-up truck

High performance lithium-ion battery technology, energy saving and environmental:

Comprehensive excellent design, comfort and thoughtful:

Pure electric technology, zero emission, no pollution, high security and stability, fast charge, long service life, active equalizing BMS, mainly applicable for family vacation.

Sharp appearance with high and low light partition design of headlight, low beam has lens and the function of height adjustment.

LxWxH (mm)	5219 x 1870 x 1844
Fuel type	LTO batteries
Maximum gradeability	30 %
Max speed (km/h)	60
Battery capacity / voltage	120 AH / 346 V
Max total weight (kg)	1840
Driving range (km)	>200



### **Electric commercial vehicle**

Luxurious and humanized decoration

Two luxurious panoramic sunroofs, front and rear LED screen, over 10 loudspeakers, superior AV system for enormous enjoyment. Flexible seat arrangement fulfilling all needs. Perfect distribution of 7 airbags ensuring all-around security. 4 ultra wide angle cameras forms a real time aerial view panorama, realizing faster and safer parking.

LxWxH (mm)	6010 x 1920 x 2314 / 4900 x 1830 x 1890
Fuel type	LTO batteries
Maximum gradeability	30 % / 25 %
Max speed (km/h)	60 / 120
Battery capacity / voltage	145 AH / 384 V 150 AH / 346 V
Max total weight (kg)	10 – 18 / 7
Driving range (km)	>200



### Electric MPV

Luxurious and humanized decoration

Luxurious display screen, showing all real-time information. Compact and reasonable layout of driving cab, convenient to operate. Spacious rear section, leather seats, large screen multi-media, fast charge USB port, providing both comfort and entertainment. A glass partition in driving cab added to protect passengers privacy.

LxWxH (mm)	4405 x 1705 x 1835
Fuel type	LTO batteries
Maximum gradeability	30 %
Max speed (km/h)	120
Battery capacity / voltage	120 AH / 346 V
Wheel base (mm)	2730
Driving range (km)	>200

## ELECTRIC TRUCKS



### **0,8T electric logistics mini truck**

Low energy consumption, low noise, non-pollution:

High reliability, security and density, long service life battery.

Intelligent technology inside, more comfortable experience:

Intelligent automatic identification technology for fast charging, refined interior, easier to clean, luxurious enjoyment.

LxWxH (mm)	5490 x 1950 x 2670
Fuel type	Fast charge LTO
GVW (kg)	1000
Max speed (km/h)	120
Electricity quantity (kWh)	56.4
Driving range (km)	210



**01,2T electric logistics light truck**

Low energy consumption, low noise, non-pollution:

High reliability, security and density, long service life battery.

Intelligent technology inside, more comfortable experience:

Intelligent automatic identification technology for fast charging, refined interior, easier to clean, luxurious enjoyment.

LxWxH (mm)	5950 x 2020 (2155) x 2715
Fuel type	Fast charge LTO
GVW (kg)	1200
Max speed (km/h)	120
Electricity quantity (kWh)	75.36
Driving range (km)	220



### **Electric sanitation truck**

The pure electric garbage truck greatly improved economic efficiency through off-peak charging at night, making full use of charging facility and attributing to saving energy and reducing CO2 emission etc. It own the merits of innovative design, elegant appearance, fast speed, strong gradeability, long driving range.

It is applicable for urban environmental protection, road garbage disposal, residential property cleaning, golf courses, stadiums, schools, amusement parks, beaches, parks, resorts etc.

LxWxH (mm)	2920 x 1220 x 2200
Fuel type	Fast charge LTO battery (cylindrical)
Max titling height (m)	1,3
Max pressure of cleaning system, BAR	80 - 120
Cleaning width (mm)	1600
Max lifting capacity (kg)	400
Max speed (km / h)	20