

EV Charging Station



*SUFFICIENT USE OF ENERGY,
SERVING GLOBAL USERS.*

بنسيان | للتكنولوجيا الهندسية
BENSYAN | Engineering Technology



COMPANY INTRODUCTION

Bensyan was established in 2008, in Aqaba, Jordan. It serves the growing economic growth sector in the region in most sectors of the world economy, including:

- Construction and infrastructure works
- Industry sector.
- Ports.
- Oil, gas and storage projects.
- Renewable energy.
- Commercial and hotel sector.
- Health and hospitals sector.

Our company's distinctiveness serves as a source of strength. Fostering a more diverse, inclusive, and equitable organization is a paramount objective. This commitment extends benefits not only to our teams but also to our valued customers and the broader community. Empowering each team member to contribute their unique perspectives and experiences is a cornerstone of our ethos, and we continuously explore innovative avenues for doing so.

Our unwavering aspiration is to excel in every facet of our work, consistently delivering at a global standard. Excellence is not just an end goal but a fundamental approach to achieving it. Our dedication to excellence drives us to continually enhance both ourselves and our business operations.

Bensyan Engineering Technology Co. , Ltd.

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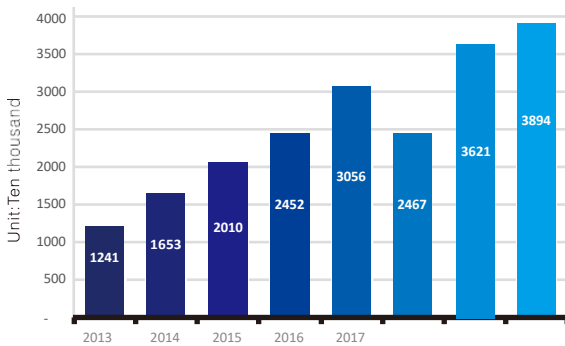
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R&D CAPABILITY



Directed by market demand, Bensyan Technology has invested more than 10% of its sales revenue into technology research and development in recent ten years, and has undertaken many scientific and technological projects such as:

a private station for company cars in Irbid, Shmeisani Park Station and Petroleum Road Station, and has researched and developed dozens of scientific and technological projects every year. At present, we and partners owned 101 national patents and 40 software Copyrights, and has a number of technological innovations in the patent application.



MANUFACTURING CENTER



EV DC & AC Chargers

Bensyan's of EV DC chargers were made. It has high efficiency, low fan noise, high power density, and high-reliability advantage. 3 phase 4 wire AC input, EMC/EMI with class B level.



TEST CENTER

The world-class standard 3-meter semi anechoic chamber designed and constructed by Frankonia of Germany can carry out radiation disturbance and radiation immunity test of information technology equipment, EV charger, power equipment, industrial medical equipment and automotive electronic parts.

60–200kW EV DC CHARGER

- Constant power from 200-1000VDC
- Average efficiency $\geq 96\%$ at nominal output power
- One charger with two outputs, simultaneously charging
- Ethernet/3G/4G/OCPP communication
- High protection grade as IP54
- APP operation or RFID authentication or plug and play
- CE certificate NB 1282
- OEM/ODM
- LOGO customize



Techdata sheet

Mode	THGZQW-60/80/100/120/140/160/180/200kW							
Phases/Lines	3 phases+neutral+PE							
Voltage	380VAC±20%							
Frequency	50Hz±10%							
Power	60	80	100	120	140	160	180	200
Volatge	200-1000VDC							
Current (max.)	CCS 2 200A, CHAdeMO 125A, GB/T 250A							
Cable Lenth	5m							
Connector	CCS 2 or CHAdeMO or GB/T, Up to 2 charging guns							
Power Factor	≥0.99							
THD Value	≤5%							
Stable Voltage Accuracy	≤±0.5%							
Stable Current Accuracy	≤±1%							
Efficiency	≥96% at nominal output power							
Housing Material	Galvanized steel							
Installation Method	Floor-stand							
LED Indicator	7 inches							
Emergency Stop Button	Mushroom headed type							
Payment Method	RFID CARD							
External	Ethernet, and 3G/4G							
Communication Protocal	OCPP1.6J							
Working Temperature	-30°C-+55°C							
Working Altitude	≤2000M							
Application Site	Indoor/Outdoor							
Cooling Method	Forced air cool							
Multiple Protection	Over Current, Under Current, Over Voltage, Residual Current, Surge Protection, Short Circuit, Earth Fault at input and output, Input Phase reversal, Emergency Shut-down with alarm, over temperature, Protection against electric shock.							
Warranty	1 year							
Product Dimension	550*650*1950mm(W*D*H)				550*800*1950mm(W*D*H)			
Net Weight	180KG							
External Packing	Wooden case							

THREE-GUN EV DC CHARGER CCS-CHAdeMO-AC Type 2

- Multi-standerds fast DC charger ,free combination of CHAdeMO, CCS2 and AC Type 2
- Average efficiency $\geq 96\%$ at nominal output power
- Ethernet/3G/4G/OCPP communication
- High protection grade as IP54
- APP operation or RFID authentication or plug and play
- CE certificate NB 1282
- OEM/ODM
- LOGO customize



Techdata sheet

Mode	THGZQW-AC22kW-CCS60kW-CHAdEMO60kW-G33		
Phases/Lines	3 phases+neutral+PE		
Voltage	380VAC±20%		
Frequency	50Hz±10%		
Power	60kW	60kW	22kW
Volatge	200-1000VDC		
Current (max.)	200A	125A	32A
Cable Lenth	5m		
Connector	CCS2	CHAdEMO	AC Type 2
Power Factor	≥ 0.99		
THD Value	≤ 5%		
Stable Voltage Accuracy	≤ ±0.5%		
Stable Current Accuracy	≤ ±1%		
Efficiency	≥ 96% at nominal output power		
Housing Material	Galvanized steel		
Installation Method	Floor-stand		
LED Indicator	7 inches		
Emergency Stop Button	Mushroom headed type		
Payment Method	RFID CARD		
External	Ethernet, and 3G/4G		
Communication Protocal	OCPP1.6J		
Working Temperature	-30°C+55°C		
Working Altitude	≤ 2000M		
Application Site	Indoor/Outdoor		
Cooling Method	Forced air cool		
Multiple Protection	Over Current, Under Current, Over Voltage, Residual Current, Surge Protection, Short Circuit, Earth Fault at input and output, Input Phase reversal, Emergency Shut-down with alarm, over temperature, Protection against electric shock.		
Warranty	1 year		
Product Dimension	700*600*1900(W*D*H)		
Net Weight	200KG		
External Packing	Wooden case		

200-400kW EV DC CHARGER

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- Constant power from 200-1000VDC Up to 400kw fast charger
- Average efficiency $\geq 96\%$ at nominal output power
- One charger with two outputs, simultaneously charging
- Ethernet/3G/4G/OCPP communication
- High protection grade as IP54
- APP operation or RFID authentication or plug and play
- CE certificate NB 1282
- OEM/ODM
- LOGO customize



Techdata sheet

Mode	THGZQW-200/220/240/260/280/300/400kW
Phases/Lines	3 phases+neutral+PE
Voltage	380VAC±20%
Frequency	50Hz±10%
Power	200-400kW
Volatge	200-1000VDC
Current (max.)	CCS 2 200A, CHAdeMO 125A, GB/T 250A, Up to two charging guns
Cable Lenth	5m
Connector	CCS2 or CHAdeMO or GB/T
Power Factor	≥0.99
THD Value	≤5%
Stable Voltage Accuracy	≤±0.5%
Stable Current Accuracy	≤±1%
Efficiency	≥96% at nominal output power
Housing Material	Galvanized steel
Installation Method	Floor-stand
LED Indicator	7 inches
Emergency Stop Button	Mushroom headed type
Payment Method	RFID CARD
External	Ethernet, and 3G/4G
Communication Protocal	OCPP1.6J
Working Temperature	-30°C-+55°C
Working Altitude	≤2000M
Application Site	Indoor/Outdoor
Cooling Method	Forced air cool
Multiple Protection	Over Current, Under Current, Over Voltage, Residual Current, Surge Protec- tion, Short Circuit, Earth Fault at input and output, Input Phase reversal, Emergency Shut-down with alarm, over temperature, Protection against electric shock.
Warranty	1 year
Product Dimension	900*1085* 2167(W*D*H)
Net Weight	230KG
External Packing	Wooden case

PORTABLE EV DC CHARGE

- Portable and movable
- Average efficiency $\geq 96\%$ at nominal output power
- Ethernet/3G/4G/OCPP communication
- High protection grade as IP54
- APP operation or RFID authentication or plug and play
- CE certificate NB 1282
- OEM/ODM
- LOGO customize



Techdata sheet

Mode	THGZQW-20/30kW	THGZQW-40kW
Phases/Lines	3 phases+neutral+PE	
Voltage	380VAC±20%	
Frequency	50Hz±10%	
Power	20/30	40
Volatge	200-1000VDC	
Current (max.)	CCS 2 200A, CHAdeMO 125A, GB/T 250A	
Cable Lenth	5m	
Connector	CCS 2 or CHAdeMO or GB/T, Up to 2 charging guns	
Power Factor	≥0.99	
THD Value	≤5%	
Stable Voltage Accuracy	≤±0.5%	
Stable Current Accuracy	≤±1%	
Efficiency	≥96% at nominal output power	
Housing Material	Galvanized steel	
Installation Method	Portable	
LED Indicator	7 inches	
Emergency Stop Button	Mushroom headed type	
Payment Method	RFID CARD	
External	Ethernet, and 3G/4G	
Communication Protocal	OCPP1.6J	
Working Temperature	-30°C-+55°C	
Working Altitude	≤2000M	
Application Site	Indoor/Outdoor	
Cooling Method	Forced air cool	
Multiple Protection	Over Current, Under Current, Over Voltage, Residual Current, Surge Protection, Short Circuit, Earth Fault at input and output, Input Phase reversal, Emergency Shut-down with alarm, over temperature, Protection against electric shock.	
Warranty	1 year	
Product Dimension	650*750*1000mm(W*D*H)	
Net Weight	60/80KG	
External Packing	Wooden case	

BUSSINESS SERIES WALLBOX AC CHARGER

- Residential areas like apartment and dwellings
- Parking garage of office building, hospital, supermarket, hotel and etc. for commercial EV charging.
- EV infrastructure operators and service providers
- SAE J1772 Type1 , IEC62196-2 Type2
- CE certificate NB 1282
- LOGO customize



Techdata sheet

Specification	THSAE3.5/7/10kW	THIEC3.5/7/11/22kW	
AC power input rating	SAE standard	IEC standard	
	AC Level 2	1-phase	3-phase
	240V	220V±15%	380V±15%
AC power output rating	3.5kW/16A	3.5kW/16A	11kW/16A
	7kW/32A	7kW/32A	22kW/32A
	10kW/40A	N/A	N/A
Rated frequency	50/60 Hz		
Required service panel breaker(Branch breaker)	Dedicated dual pole	Dedicated dual pole	Dedicated 3-pole
	20A(16A station)	20A(16A station)	20A(16A station)
	40A(32A station)	40A(32A station)	40A(32A station)
	50A(40A station)	N/A	N/A
Power wiring	3 wire-L1,L2,Ground	3 wire-L1,N,PE	5 wire-L1,L2,L3,N,PE
Connector mechanical operating life	≥ 10000 times		
Charging control	Plug and play or RFID card		
Display screen	4.3-inch LCD sreen		
Indicators	4 LED indicators -power/connect/charging/fault		
External communication	LAN and WI-Fi		
Communication Protocol (Optioal)	OCPP1.6J		
Working Temperature	-30 to 55 °C		
Working Altitude	≤2000M		
Cooling Method	Natural cooling		
Protection	Over Current, Under Current, Surge Protection, Short Circuit, Emergency Shut-down with alarm, over temperature,ground protection;		
Product Dimension	410*260*164mm (1117*240*112mm mounting pole,5kg,Metal)		
Net Weight	1-phase 10kg, 3-phase 12kg		
Cable Lenth	5m		

EXPORTED TO OVER 30 COUNTRIES AND REGIONS WORLDWIDE

PROVIDE COMPLETE EV CHARGING SOLUTION FOR YOUR BUSINESS

