More aware of charging, a more smart solution

Product Catalog SHENZHEN CEGN CO.,LTD

€ E G Ni

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About us

ShenZhen CEGN Co., Ltd, a subsidiary of Shenzhen CLOU Electronics Co. Ltd, registered capital of CNY 210 million. As one of the largest charging equipment manufacturers and operators in China, the company has always been committed to providing users with better experience products and services through new technologies and cloud services, to build a sustainable future.



Independent innovation technology

6 Pioneering industry projects

58 Participate in the formulation of standards

49 Software copyrights

95 Authorized patents



High efficiency production line

4 production lines

7350 square meters factory area

15000 annual production capacity



Whole industry chain integration

R & D - production - Sales - charging operation - cloud platform



Industry leading position

No.4 in China according to the annual charging capacity.

No.7 in China according to the number of charging piles.

















CL5436 Series Wall Mount AC Charger

Main function

- QR-code/ BLE /Card/ Plug and Charge
- No screen/4.3" color LCD (Optional)
- Smart charging
- 30mA Type A RCD + 6mA DC detector
- OCPP 1.6J/2.0J (Optional)
- BLE+ Eth/4G/WiFi

† Characteristic

- IP55
- Smart lamp signals
- Compatible 7/11/22kW
- Resume charging after fault recovered
- Reservation charging, schedule charging
- Smart temperature sensor, adjust run-time power
- OTA upgrade, Dialog and Troubleshooting
- Low power consumption, environmental protection
- Customized color



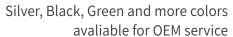












⚠ Scenario

Designed for public parking lots, commercial buildings, community properties and household which have the requirement of EV charger, support wall mounted/floor mounted installation.

Basic param	eters					
Parameters	Model	CL5436-A07	CL5436-A11	CL5436-A22		
Input	Power supply	P+N+PE	3P+N-	+PE		
	Voltage	220 ~ 240VAC	380 ~ 4	15VAC		
	Current	32A	16A	32A		
	Frequency		50 / 60Hz			
	Voltage	220 ~ 240VAC 380 ~ 415VAC				
Output	Max current	32A	16A	32A		
	Rated power	7kW	11kW	22kW		
	Charge plug	Type 2/ Type 1	Type 2/ Type 1	Type 2/ Type 1		
	Cable length	3/5 meter (include connector)				
	Enclosure	ABS+PC(IMR technoloay)				
User	indicator		Green/Yellow/Blue/Red			
interface	LCD display	4.3" color LCD (Optional)				
	RFID card		Non contact (ICO/IEC14442 A)	1		
	reader	Non-contact (ISO/IEC14443 A)				
	Start method	Ca	rd/QR code/ BLE/ Plug and Cha	arge		
	local interface	BLE 5.0,RS 485				
Communica	Uplink		Ethernet/4G/WiFi			
tion	interface	EUIEITIE//4G/WIFI				
	Protocol	OCPP1.6J/2.0J(Optional)				
	RCD	30mA TypeA+6mA DC				
	Emergency	Yes				
	stop	165				
	Protection	IP55				
Safety	grade	1233				
	Anti-collision	IK08				
	grade					
	Certification	CE, CB				
	Standard	EN/IEC 61851-1:2017				
	Installation	Wall mounted/Ground standing (Optional with pile)				
	Working	-25℃~+55℃				
	temperature					
Working	Working	5%~95% (Non-condensation)				
environment	humidity					
	Storage	-40°C ~ +70°C				
	temperature					
	Altitude	≤2000m				
Package	Product size	218*109*404mm(W*D*H)				
	Package size	517*432*207mm(L*W*H)				
	Net weight	2.8kg	3.7kg	4.9kg		
	Gross weight	3.8 kg	4.7kg	5.9kg		
	Packaging material	Carton box				
Others	Warranty		2 years			

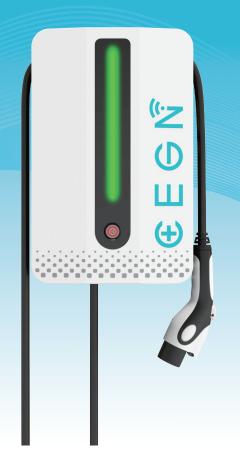
CL5435-A07A 7kW Wall Mounted AC Home Charger

Main function

- Button start and stop / Plug and Charge
- Type B RCD
- Smart Charging



- Sheet metal compress resistance, Anti-collision grade IK10
- Button start and stop, Easy for use
- Real time power regulation with smart temperature sensor
- Long term warranty



⚠ Scenario

■ Designed for home use AC EV charger, support installation with wall mounted and floor mounted.

Basic parameters					
Parameters	Model	CL5435-A07A			
Input	Power supply	P+N+PE			
	Voltage	200~260V			
	Current	32A			
	Frequency	45~65Hz			
	Voltage	200~260V			
Output	Max Current	32A			
	Rated Power	7kW			
	Charge Plug	TYPE 2			
User	Cable Length	5m (include connector)			
interface	Enclosure	Galvanized steel			
interidoe	LED indicator	Green/Yellow/Red			
	Start method	Button start and stop / Plug and Charge			
	RCD	Type B			
	Emergency stop	included			
Safety	Protection grade IP54				
Galety	Anti-collision grade IK10				
	Certification	CE			
	Standard	EN/IEC 61851-1			
	Installation	wall mounted or floor mounted (optional with pile)			
	Working temp	-30°C~55°C			
Working	Working humidity	5%~95%(Non-condensation)			
environment	Storage temp	-40°C~70°C			
	Altitude	≤ 2000m			
Package	Product size	280*166*440mm(W*H*D)			
	Package size	564*444*230mm(L*W*H)			
	Net weight	11.8kg			
	Gross weight	12.8kg			
	Packaging material	Carton box			
Other	Warranty	2 years			

CL5435 series wall mounted AC charger

Main function

- QR-code/ BLE /Card/ Plug and Charge
- 3.5" color LCD
- With 30mA Type A RCD + 6mADC detector
- OCPP1.6J/2.0J(Optional)
- MID Certification
- Ethernet/4G/Wi-Fi/BLE



- Compatible 7/11/22kW
- Resume charging after fault recovered
- Support online operation and payment
- With smart temperature sensor, adjust run-time power
- OTA upgrade, Dialog and Troubleshooting
- Compatible plug type and socket type

⚠ Scenario

Designed for public parking lots and commercial buildings, apartment buildings, office buildings where the requirement of EV AC charger have.



Basic parameter	S				
Parameters	Model	CL5435-A10A	CL5435-A21A	CL5435-A21B	
	Power supply	3P+N+PE			
	Voltage		400VAC±15%		
Input	Current	16A	32A	32A	
	Frequency		45∼65Hz	1	
	Voltage		400VAC		
Output	Max current	16A	32A	32A	
	Rated power	11kW	22kW	22kW	
	Charge plug	Type2	Type2	Type2 Socket	
	Cable length	5 meter (incl	ude connector)	/	
	Enclosure		Galvanized steel		
	LED indicator		Green/Yellow/Red		
User interface	LCD display		3.5" LCD		
	RFID card reader	Nor	n-contact (ISO/IEC1444	-3 A)	
	Start method	Card	d/QR code/Plug and Ch	arge	
	Emergency stop	Yes			
	Communication Interface	Ethe	rnet/4G/WIFI/BLE (Opti	ional)	
Communication	Protocol	(DCPP1.6J/2.0J(Optiona	ıl)	
	Energy Meter	MID			
	RCD	30mA TypeA+6mA DC			
	Protection grade	IP54			
Safety	Anti-collision grade	IK10			
Salety	Electrical protection	Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature			
	Certification	CE, CB, UKCA, AU/NZ			
	Standard	EN/IEC 61851-1			
	Installation	Wall mounted/ G	Ground standing (Option	onal with pedestal)	
Working	Working temperature	-25°C~55°C (with LCD) -30°C~55°C (without LCD)			
environment	Working humidity	5%~95% (Non-condensation)			
	Storage temperature	-40°C∼+70°C			
	Altitude	≤2000m			
	Product size	320*173*490mm(W*D*H)			
	Package size	666*496*227mm(L*W*H)			
Package	Net weight	11kg	11.5kg	13kg	
S	Gross weight	12kg	12.5kg	13.5kg	
	Packaging material	Carton box			
Others	Warranty	2 years			

CL5830-C08 series Integrated AC / DC EVSE

Main function

- QR-code/ Card/ App
- 7" Color touchable LCD
- With MID/ PTB certification
- Multiple protections include Leakage,

Over-voltage, Under-voltage, Over-current,
Short circuit, Lightning protection, Anti-reverse connection, Emergency stop, Insulation detection,
Adhesion detection and other protections.

• Ethernet RJ-45/4G



★ Characteristic

- 300-1000V constant output power
- Plug lock protection
- Smart power adistribution, single module fault will not affect others
- AC/DC integrated, charge plug can be configuring as requirement.
- Reservation charging, schedule charging
- Real time power regulation with smart temperature sensor
- OTA upgrade, Dialog and Troubleshooting

⚠ Scenario

■ The Product is designed for CCS2, CHAdeMO and Type2EV charging requirement, and suitable for public parking lots, scenic spot parking lots, company parking lots and bus stations.

Basic parame	ters						
Parameters	Model	CL5830-C08A	CL5830-C08B	CL5830-C08C	CL5830-C08D	CL5830-C08E	
	Power supply			3P+N+PE	I		
	Voltage	400VAC±10%					
Input	Max current			340A			
	Frequency			45~65Hz			
	Voltage	CCS2/GB:	150~1000VDC; CI	HAdeMO: 500VDC;	Type2: 360~44	40VAC	
Output	Max current	CCS	52: 200A; CHAdeMO	: 125A; Type2:	32A; GB: 250A		
-	Rated power	CCS2:60	~180kW / CHAdeMO	:30~60kW / Type	e2:22kWGB:60~180	OkW	
	Charge plug	CCS2+CHAdeMO+Type2	CCS2+CCS2+Type2	CCS2+CHAdeMO	CCS2+CCS2	CCS2+GB	
	Cable length		5 me	ter (Optional)	I		
	Enclosure		Galvanized Steel				
User	LED indicator		Gree	n/Yellow/Red			
interface	LCD display		7" Cole	or Touchable LCI)		
Intellace	RFID card						
	reader		Non-contac	t (ISO/IEC14443	A)		
	POS terminal			Optional			
	Start method		QR-c	ode/ Card/ APP			
	Communication						
Communicati	Interface		E	thernet/4G			
on	Protocol		OCPP1. 6.	J/2.0J(Optional)			
	Efficiency		≥95% (Ha	lf load and abov	re)		
	Power factor		≥0.98	Rated load)			
Electrical	Harmonic				`		
Performance	distortion rate	≤5%(Half load and above)					
	Ripple	Z404 (D. 1 1.)					
	coefficient	≤1% (Peak to peak)					
	Energy Meter	AC: MID; DC: PTB (optional)					
	Emergency stop	Yes					
	RCD	Type A					
	Protection	12					
Safety	grade	IP54 and IK10					
Salety	Electrical	Over-current, Leakage, Short Circuit, Grounding, Lightning,					
	protection	Under-voltage, Over-voltage and Over-temperature					
	Certification	/	<pre><1% (Peak to peak) AC: MID; DC: PTB (optional)</pre>				
	Standard	EN/IEC 61	851-1, EN/TEC 6185	1-23, IEC 61851-2	24, EN/TEC 61851-	-21-1	
	Installation	Floor mounted					
	Cooling	Fan cooling					
Working	Noise	≤65dB					
environment	Temperature range	Working at $-25^{\circ}\!$					
	Working						
	humidity	5%~95% (Non-condensation)					
	Altitude	≤2000m					
	Product size	850*850*1800mm(W*D*H)					
	Package size	1186*966*2034mm (L*W*H)					
Package -	N. W.	29.41	2041-	2101-	21.01.	2101	
	(no module)	324kg	324kg	318kg	318kg	318kg	
	G. W.	4101	4101	4101	4101	4101	
	(no module)	418kg 418kg 412kg 412kg 412				412kg	
	Packaging	Woods- 1					
	material	Wooden box					
Others	Warranty	2 years					

CL5870-A01 20kW Wall Mounted DC Charger

Main function

- QR-code/Card/Plug and Charge
- OCPP1.6J/2.0J(Optional)
- PTB certification/On-board metering
- Ethernet/4G(Optional)



- Constant power output between 300~1000V
- With breathing lamp, indicate standby, charging and various common fault states
- Support online operation and management, real-time monitoring of equipment status, customized tariff table
- Reservation charging, schedule charging
- Auto adjust run-time power with smart temperature sensors
- OTA upgrade, Dialog and Troubleshooting
- International Protection grade 54



⚠ Scenario

Designed for commercial buildings, apartment and office buildings that have the requirement of DC EVSE.

Protocol OCPP1.6J/2.0J(Optional)	Basic paramet	ers			
Voltage	Parameters	Model	CL5870-A01D	CL5870-A01E	
Max current		Power supply	3P-	+N+PE	
Max current 36A	Input	Voltage	400VAC±15%		
Output Voitage 150~1000V DC Max current 66A Rated power 20kW Charge plug CCS1 CCS2 Cable length 5 meter (Optional) Enclosure Galvanized Steel LED Indicator Green/Yell/Blue RFID card reader Non-contact (ISO/IEC14443 A) Start method QR-code/ Card/ Plug and Charge Local interface RS 485 / BLE 5.0(Optional) Up-line interface Ethernet/4G(Optional) Protocol OCPP1.6J/2.0J(Optional) Efficiency ≥95% (Half load and above) Power factor ≥0.98 (Rated load) Total harmonic distortion rate \$5%(Half load and above) Reprimensive \$5%(Half load and above) Power factor \$5%(Half load and above) Ferrogy Meter DC : PTB (optional) Energy Meter DC : PTB (optional) Energy Meter DC : PTB (optional) Energy stop Yes RCD Type A Protection grade IP54 Anti-collision grade		Max current	:	36A	
Output Max current 66A Rated power 20kW Charge plug CCS1 CCS2 Cable length 5 meter (Optional) Enclosure Galvanized Steel LED indicator Green/Yellow/Red/Blue RFID card reader Non-condact (ISO/IEC14443 A) Start method QR-code/ Card/ Plug and Charge Local interface RS 485 / BLE 5.0(Optional) Up-line interface Ethernet/46(Optional) Protocol OCPP1.6.J/2.0.J(Optional) Protocol OCPP1.6.J/2.0.J(Optional) Prover factor ≥95% (Half load and above) Power factor ≥0.98 (Rated load) Total harmonic distortion rate ≤5% (Half load and above) Ripple coefficient ≤1% (Peak to peak) Energy Meter DC: PTB (optional) Energy Meter DC: PTB (optional) <td>Frequency</td> <td>45</td> <td>~65Hz</td>		Frequency	45	~65Hz	
Rated power		Voltage	150~	1000V DC	
Charge plug	Output	Max current			
Cable length 5 meter (Optional)		Rated power	20kW		
Enclosure Galvanized Steel		Charge plug	CCS1	CCS2	
LED indicator Green/Yellow/Red/Blue		Cable length	5 meter	(Optional)	
LED indicator Green/Yellow/Red/Blue		Enclosure	Galvar	nized Steel	
Start method QR-code/ Card/ Plug and Charge Local interface RS 485 / BLE 5.0(Optional) Up-line interface Ethernet/4G(Optional) Protocol OCPP1.6.1/2.0J(Optional) Efficiency ≥95% (Half load and above) Power factor ≥0.98 (Rated load) Total harmonic distortion rate Ripple coefficient ≤1% (Peak to peak) Energy Meter DC : PTB (optional) Emergency stop Yes RCD Type A Protection grade Anti-collision grade Electrical protection Standard EN/IEC 61851-1:2017, EN/IEC 61851-23:2014 Installation Wall mounted/ Ground standing (Optional with pedestal) Cooling Fan cooling Noise ≤65dB Working temperature —30°C ~+50°C Working humidity 5%~95% (Non-condensation) Package size Motificiale Package Package Package Package Package Package Installation Wall mounted/ Ground (W*b*H) Net weight (include module) Stardare A35kg	User interface	LED indicator	Green/Yel	low/Red/Blue	
Local interface		RFID card reader	Non-contact (ISO/IEC14443 A)	
Communication Up-line interface Ethernet/4G(Optional) Protocol OCPP1.6J/2.0J(Optional) Efficiency ≥95% (Half load and above) Power factor ≥0.98 (Rated load) Total harmonic distortion rate ≤5%(Half load and above) Ripple coefficient ≤1% (Peak to peak) Energy Meter DC : PTB (optional) Emergency stop Yes RCD Type A Protection grade IP54 Anti-collision grade IK10 Electrical protection Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature Standard EN/IEC 61851-1:2017, EN/IEC 61851-23:2014 Installation Wall mounted/ Ground standing (Optional with pedestal) Cooling Fan cooling Noise ≤65dB Working temperature -30°C ~+50°C Working humidity 5%~95% (Non-condensation) Storage temperature -40°C ~+70°C Altitude ≤2000m Product size 430*210*650mm (W*D*H) Package size 916*646*408mm (L*W*H) <td< td=""><td></td><td>Start method</td><td>QR-code/ Card</td><td>/ Plug and Charge</td></td<>		Start method	QR-code/ Card	/ Plug and Charge	
Protocol OCPP1.6J/2.0J(Optional)		Local interface	RS 485 / BL	E 5.0(Optional)	
Electrical Performance Electrical Performance Flower factor Total harmonic distortion rate Ripple coefficient Energy Meter Energy Meter Energy Stop RCD Protection grade Anti-collision grade Electrical protection Standard Electrical protection Working environment Working environment Electrical protection Product size Product size Package Product size Package Product icinum 2998 (Half load and above) 20.98 (Rated load) 21.98 (Package Sport Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature Electrical protection Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature Electrical protection Wall mounted/ Ground standing (Optional with pedestal) Cooling Fan cooling Noise Se65dB Working temperature -30°C~+50°C Working humidity 5%~95% (Non-condensation) Storage temperature Altitude 2000m Product size 430°210°650mm (W*D*H) Package size Net weight (include module)	Communication	Up-line interface	Etherr	net/4G(Optional)	
Power factor		Protocol	OCPP1.6J	/2.0J(Optional)	
Electrical Performance Total harmonic distortion rate S5%(Half load and above)		Efficiency	≥95% (Half l	oad and above)	
Performance Total harmonic distortion rate ≤5%(Half load and above) Ripple coefficient ≤1% (Peak to peak) Energy Meter DC : PTB (optional) Emergency stop Yes RCD Type A Protection grade IP54 Anti-collision grade IK10 Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature Standard EN/IEC 61851-1:2017, EN/IEC 61851-23:2014 Installation Wall mounted/ Ground standing (Optional with pedestal) Cooling Fan cooling Noise ≤65dB Working temperature −30°~+50° Working humidity 5%~95% (Non-condensation) Storage temperature −40°~+70° Altitude ≤2000m Product size 430°210°650mm (W°D*H) Package size 916°646°408mm (L*W*H) Net weight (include module) 35kg	Flastrias	Power factor	≥0.98 (F	Rated load)	
distortion rate Ripple coefficient Ripple coefficient Energy Meter DC: PTB (optional) Emergency stop Yes RCD Type A Protection grade Anti-collision grade Electrical protection Standard Final Installation Vall mounted/ Ground standing (Optional with pedestal) Cooling Noise Working environment Working temperature Working temperature Altitude Package Package Package Package Weter DC: PTB (optional) Yes Co: PTB (optional) Yes Type A IP54 Anti-Collision grade IK10 Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature EN/IEC 61851-1:2017,EN/IEC 61851-23:2014 Installation Wall mounted/ Ground standing (Optional with pedestal) Cooling Fan cooling Noise Se5dB Working temperature -30°~+50°C Working humidity 5%~95% (Non-condensation) Florduct size Altitude Se2000m Product size Package size 916*646*408mm (L*W*H) Net weight (include module) Net weight (include module)		Total harmonic	≤5%(Half load and above)		
Energy Meter DC: PTB (optional) Emergency stop Yes RCD Type A Protection grade IP54 Anti-collision grade Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature Standard EN/IEC 61851-1:2017,EN/IEC 61851-23:2014 Installation Wall mounted/ Ground standing (Optional with pedestal) Cooling Fan cooling Noise ≤65dB Working temperature −30°C ∼ +50°C Working humidity 5%~95% (Non-condensation) Storage temperature −40°C ~ +70°C Altitude ≤2000m Product size 430*210*650mm (W*D*H) Package size 916*646*408mm (L*W*H) Net weight (include module)	1 CHOITHANCE	distortion rate			
Emergency stop RCD Type A Protection grade Anti-collision grade Electrical protection Standard Foliation Electrical protection Working environment Working environment Working environment Package Package Emergency stop RCD Type A Type A Type A IP54 Anti-collision grade IK10 Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature Electrical protection Wall mounted/ Ground standing (Optional with pedestal) Cooling Fan cooling Noise Se5dB Working temperature -30°C~+50°C Working humidity Storage temperature Altitude Se2000m Product size 430*210*650mm (W*D*H) Package size 916*646*408mm (L*W*H) Net weight (include module) Net weight (include module)		Ripple coefficient	≤1% (Peak to peak)		
RCD		Energy Meter	DC : PT	B (optional)	
Protection grade IP54 Anti-collision grade IK10 Electrical protection Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature Standard EN/IEC 61851-1:2017, EN/IEC 61851-23:2014 Installation Wall mounted/ Ground standing (Optional with pedestal) Cooling Fan cooling Noise ≤65dB Working temperature -30°C~+50°C Working humidity 5%~95% (Non-condensation) Storage temperature -40°C~+70°C Altitude ≤2000m Product size 430*210*650mm (W*D*H) Package size 916*646*408mm (L*W*H) Net weight (include module)		Emergency stop		Yes	
Anti-collision grade Electrical protection Standard Working environment Working environment Package Package Package Package Anti-collision grade IK10 Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature Electrical protection Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature Electrical protection Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage and Over-temperature Electrical protection Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage and Over-temperature Electrical protection Voltage, Over-voltage and Over-temperature Fan cooling Fan cooling Fan cooling Noise Sebside Working temperature -30°C~+50°C Working humidity 5%~95% (Non-condensation) Storage temperature -40°C~+70°C Altitude Sepond Product size 916*646*408mm (W*D*H) Net weight (include module) Net weight (include module)		RCD	Ty	уре А	
Anti-collision grade Electrical protection Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature Standard EN/IEC 61851-1:2017,EN/IEC 61851-23:2014 Installation Wall mounted/ Ground standing (Optional with pedestal) Cooling Fan cooling Noise S65dB Working temperature Working humidity Storage temperature Altitude Product size Package Package Package Anti-collision grade IK10 Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature EN/IEC 61851-1:2017,EN/IEC 61851-23:2014 Installation Wall mounted/ Ground standing (Optional with pedestal) Fan cooling Fan cooling Noise S65dB Working temperature -30°C~+50°C Working humidity 5%~95% (Non-condensation) Storage temperature 430*210*650mm (W*D*H) Package size 916*646*408mm (L*W*H) Net weight (include module) Net weight (include module)	Safety	Protection grade			
Standard Electrical protection Under-voltage, Over-voltage and Over-temperature	Jan 31,	Anti-collision grade			
Standard EN/IEC 61851-1:2017,EN/IEC 61851-23:2014 Installation Wall mounted/ Ground standing (Optional with pedestal)		Electrical protection			
Installation Wall mounted/ Ground standing (Optional with pedestal)					
Working environment Working environment Working temperature Working humidity Storage temperature Altitude Product size Package Package Cooling Fan cooling Noise ≤65dB Working temperature -30℃~+50℃ Working humidity 5%~95% (Non-condensation) 5%~95% (Non-condensation) 430°210°650mm (W*D*H) Package size 916*646*408mm (L*W*H) Net weight (include module) 35kg			· · · · · · · · · · · · · · · · · · ·		
Working environment Noise ≤65dB Working temperature -30°C∼+50°C Working humidity 5%~95% (Non-condensation) Storage temperature -40°C∼+70°C Altitude ≤2000m Product size 430*210*650mm (W*D*H) Package size 916*646*408mm (L*W*H) Net weight (include module) 35kg					
Working environment Working temperature -30 ℃ ~ +50 ℃ Working humidity 5%~95% (Non-condensation) Storage temperature -40 ℃ ~ +70 ℃ Altitude ≤2000m Product size 430*210*650mm (W*D*H) Package size 916*646*408mm (L*W*H) Net weight (include module) 35kg			<u> </u>		
Working temperature	Working				
Storage temperature					
Altitude ≤2000m Product size 430*210*650mm (W*D*H) Package size 916*646*408mm (L*W*H) Net weight (include module) 35kg		,		,	
Product size 430*210*650mm (W*D*H) Package size 916*646*408mm (L*W*H) Net weight (include 35kg module)		· ·			
Package size 916*646*408mm (L*W*H) Net weight (include 35kg module)					
Net weight (include Package module) 35kg					
Package module) 35kg			910 040 4U8MM (L"W"H)		
,		, ,	35kg		
Gross weight (include		Gross weight (include			
module) 47kg			47kg		
Packaging material Wooden box		, ,	Wooden box		
Others Warranty 2 years	Others		2	years	

CL5890-B08/100kW Integrated DC EVSE(KC)

□ Main function

- 100kW,CCS1(Single/Dual plug),200A
- QR-code/ Card/APP
- 10" Color touchable LCD
- Auto power distribution between DC plugs charging
- OTA upgrade, Dialog and Troubleshooting
- Reservation charging, schedule charging
- Multiple protections includes Leakage, Over-voltage, Under-voltage, Over-current, Short circuit, Lightning protection, Anti-reverse connection, Emergency stop, Insulation detection, Adhesion detection and other protections.
- Eth/4G, BLE

★ Characteristic

- Constant power output between 300~1000V
- •Smart power distribution, single module fault will not affect others
- With smart temperature sensor, adjusting fan speed
- 10" Color touchable LCD
- OTA upgrade, Dialog and Troubleshooting
- Eth, 4G, BLE
- IP54
- KC certification

⚠ Scenario

Designed for public parking lots, commercial buildings, community properties and household which have the requirement of EV charger, support wall mounted/ floor mounted installation.



Basic parameters					
Parameters	Model	CL5890-B08A	CL5890-A08A		
	Rated voltage	400 V			
Input	Input cable	3 phase 5 lines			
	Frequency	60±1Hz			
	Output voltage	150 ~ 1000 V			
Outout	Maximum current	200 A*2	200A		
Output	Rate power	100 kW			
	Charge connector	CCS1(Dual plug)	CCS1(Single plug)		
	Enclosure	Galvanized			
	LED indicator	Green/Ye	llow/Red		
User interface	LCD display	10" color to	ouch screen		
User interface	RFID reader	Optio	onal		
	Start mode	RFID card/AF	PP/Password		
	Emergency stop	Υe	es		
	Wi-Fi	Optio	onal		
	Ethernet	Ye	es		
Communication	3G/4G	Optional			
	ОСРР	OCPP1.6J/2.0J(Optional)			
	Efficiency	≥95%			
	Power factor	≥0.98 @ 50%~100% loading			
Electrical	THD	≤5% @ 50%~100% loading			
performance	Ripple factor	≤±0.5%			
	Energy meter	DC Meter			
	RCD	Type A			
	Protection grade	IP54/IK10			
		Over current protection,Residual current			
		protection,Short circuit protection,Ground			
Safety	Electrical protection	protection,Surge protection,Over/Under			
33,		voltage protection, Over temperature			
	EMC level	protection CLASS A			
	Certification	KC KC			
	Cooling method	Fan cooling			
Environment	Work temperature	-25°C ~ + 50°C			
	Work humidity	5% ~ 95% (Non-condensation)			
	Work naminatey Work altitude	≤2000m			
	Weight				
	Product dimension	360kg			
	riouuct uiiileiision	800mm (W) ×750mm (D) ×1,600m (H)			