

CL5830-C08 series Integrated AC / DC EVSE

Main function

- QR-code/ Card/ Plug and Charge
- 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 configured as required.
- 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 gas stations.

Basic parameters

Parameters	Model	CL5830-C08A	CL5830-C08B	CL5830-C08C	CL5830-C08D
Input	Power supply	3P+N+PE			
	Voltage	400VAC±10%			
	Max current	340A			
	Frequency	45 ~ 65Hz			
Output	Voltage	CCS2: 150 ~ 1000V DC CHAdeMO: 500V DC Type2: 360 ~ 440V AC			
	Max current	CCS2: 200A CHAdeMO: 125A Type2: 32A			
	Rated power	CCS2:60 ~ 180kW CHAdeMO:30 ~ 60kW Type2:22kW	CCS2:60 ~ 180kW Type2:22kW	CCS2:60 ~ 180kW CHAdeMO:30 ~ 60kW	CCS2:60 ~ 180kW
User interface	Charge plug	CCS2+CHAdeMO+Type2	CCS2+CCS2+Type2	CCS2+CHAdeMO	CCS2+CCS2
	Cable length	5 meter (Optional)			
	Enclosure	Galvanized Steel			
	LED indicator	Green/Yellow/Red			
	LCD display	7" Color Touchable LCD			
	RFID card reader	Non-contact (ISO/IEC14443 A)			
	POS terminal	Optional			
	Start method	QR-code/ Card/ Plug and Charge			
Communication	Communication Interface	Ethernet/4G			
	Protocol	OCPP1.6J/2.0J(Optional)			
Electrical Performance	Efficiency	≥95% (Half load and above)			
	Power factor	≥0.98 (Rated load)			
	Harmonic distortion rate	≤5%(Half load and above)			
	Ripple coefficient	≤1% (Peak to peak)			
Safety	Energy Meter	MID			
	Emergency stop	Yes			
	RCD	Type A			
	Protection grade	IP54 and IK10			
	Electrical protection	Over-current, Leakage, Short Circuit, Grounding, Lightning, Under-voltage, Over-voltage and Over-temperature			
	Certification	CE,CB			
	Standard	EN/IEC 61851-1,EN/IEC 61851-23,IEC 61851-24,EN/IEC 61851-21-1			
Working environment	Installation	Floor mounted			
	Cooling	Fan cooling			
	Noise	≤65dB			
	Temperature range	Working at - 25℃ ~ + 50℃ ; Storage at - 40℃ ~ + 70℃			
	Working humidity	5%~95% (Non-condensation)			
	Altitude	≤2000m			
Package	Product size	850*850*1800mm (W*D*H)			
	Package size	1186*966*2034mm(L*W*H)			
	N.W. (exclude module)	324kg	324kg	318kg	318kg
	G.W., (exclude module)	418kg	418kg	412kg	412kg
	Ppackaging material	Wooden box			
Others	Warranty	2 years			