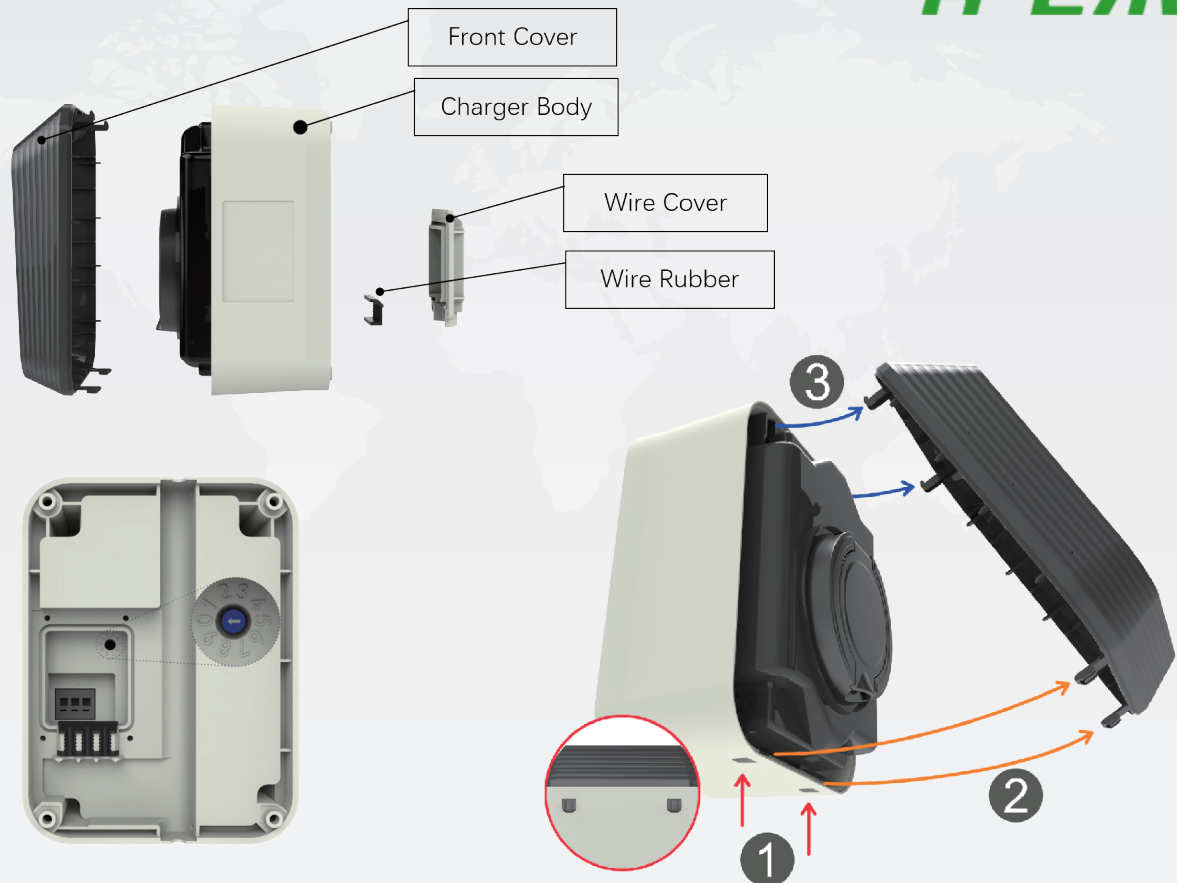




EASY CHARGER

Highlights

- 01 Dimensions (H x W x D): 210*160*126
- 02 Simple electrical installation.
- 03 Earth Leakage Protection: 6mA DC+ 30mA AC leakage detection is already in the charger, no Type B RCD required.
- 04 Compatible with 10mm² and 6mm² power wire.
- 05 Wi-Fi connection: you can watch and setup the charger via Wi-Fi.
- 06 The electrical lock, the standard required and is safe for your using.
- 07 Costumed color, the shell can be colored various color.
- 08 Universal socket.
- 09 Power Ratings: it can be adjust via Wi-Fi or DIP switch.



Highlights

Rated Power	7 kW (Adjustable)
Rated Voltage	230 VAC (Single Phase)
LV Distribution	TN and IT power system
Voltage Range	230 VAC \pm 20%
Rated Frequency	50Hz/60Hz
Frequency Range	50 Hz \pm 1%
Rated Current	32A (Adjustable)
Charging Mode	Mode 3 , Case B
Dimensions (W x L x H)	160x210x126 mm
Model Order Code	EC-07/B
Effective	>99%
Standby Power Consumption	< 5W
Noise	\leq 45dB
IP Degree	IP54
IK Degree	IK08
Earth Leakage Protection	Type B
Ambient Temperature	-25~50°C
Operating Humidity	5%~98%
Standards	IEC 61851-1, IEC 61851-22, IEC 62196-2
Connector standard	TYPE 2 Socket meet IEC 62196-1 and IEC 62196-2
Certificate	CE by TUV Rheinland

H-Series AC charger

- 01、Type B DC 6mA + 30mA AC leakage protector.
- 02、Built in O-Pen protection ensures a quick installation with no extra cost for an earth rod.
- 03、Load balancing management and solar matching function
- 04、Various start-up mode, Plug and play, RFID, APP, OCPP
- 05、OCPP1.6 Ready to integrate to payment & monitoring solution of your choice
- 06、3 charging modes (Fast, Eco and Eco+)
- 07、Remote software upgrade
- 08、LED indicating charge status



Technical parameters:

Specifications	
Rated Power	7.4kW, 11kW, 22kW
Type of Connection	1P+N+PE, 3P+N+PE, 6-10mm ²
Nominal Supply	230VAC±15%, 400VAC±15%
AC Input Frequency	50Hz/60Hz
Adjustable Current	6A-32A Variable(Via APP)
Over Current Protection	40A Supply (external MCB)
RCD Protection	Built-in Type B RCD DC 6mA/AC 30mA (Industrial-grade protection)
Earthing arrangement	Built-in O-PEN protection
Standby Power Consumption	< 8W
Integrated Protections	Over and under voltage, Power overload, Short circuit, Dispersion currents, Missing ground connection, Surge, Over temperature
Connectivity	Bluetooth/WIFI/Ethernet/4G/RS485 Control charging with the LINCHR APP Built-in RFID reader, OCPP 1.6J
Solar Compatibility	ECO, ECO+, FAST
Load Balancing	Up to 32 units can be connected
Installation Network	TN, IT, and TT
Housing Material/Enclosure	PC+ASA(UL94 V-0 Fire Rated-the Highest Flame Classification)
Installation	Wall-mounting/Pedestal, Indoor/Outdoor
Socket	IEC 62196 Type 2, IP54 hinged lid, electrical lock(Compliance requested)
Protection(Enclosure)	IP55, IK10
Operating Temperature	-25°C -50°C
Humidity	5%~98%RH
H*W*D	260*260*100mm
Weight	Socketed 5kg, Tethered 7.5kg
Certification	CE,UKCA, ROHS, REACH (TUV)



7kW/22kW AC Charging Station

Product description

Youdl AC charger is the most advanced charging solution and the most complete range of charging stations for electric vehicles available on the market today. Youdl's European standard AC charger won the iF Design Award 2019 with an original and elegant design. It offers the best technology and functionality in terms of security and remote use through smart phone. The charging process can be started or stopped by swiping RFID cards or using smart phone APP, there are also a variety of charging modes such as plug and charge, which can be set according to the needs of users. The installation and maintenance is extremely simple and safe, as it is equipped with all the most advanced protections. The customer or ordinary maintenance personnel can open the maintenance cover to complete simple maintenance. Complex maintenance requires the professionals to open more parts for maintenance. Classified maintenance improves the personal safety of maintenance personnel and save the resources of professional maintenance personnel.

Features

- MID-certified kWh meter and type B leakage protector.
- OCPP 1.6 J communication protocol and WiFi 2.4 GHz.
- 7kW/11kW/22kW output power options.
- Type 2 charging plug available.
- Overall operation status monitoring, control and protection, ensuring the charging safety.
- Charging data management, ensuring the integrity and security of users' charging data during the charging process.
- CE certificate.
- Wall box type or pedestal type options.
- Various startup modes, RFID card, APP methods, plug and charge.
- Classification of maintenance.
- Web backend, upgradable through internet browser, displaying charge records, fault records.



Product technical parameters

Model	ES-07-B/ES-07-C (Case B/Case C)	ES-22-B/ES-22-C (Case B/Case C)
Size	350mmx150mmx650mm	350mmx150mmx650mm
Standards	IEC 61851-1 2017,IEC 62196-2	IEC 61851-1 2017,IEC 62196-2
Basic product information		
OCPP verison communicat1on protocol	OCPP 1 6	OCPP 1 6
Starting mode	RFID Card ,APP	RFID Card,APP
Network interface	WIFI	WIFI
Installing mode	Wall box, Standing	Wall box, Standing
Cable length	5m	5m
Display mode	D1g1tal tube and LED	D1g1tal tube and LED
Basic electrical information		
Rated power	7kW	22KW (Three phase)
Power supply system	TN-S,TN-C-S,TT, IT (IT system only supports voltage between L and L less than 240VAC)	TN-S,TN-C-S,TT, IT (IT system only supports voltage between L and L less than 240VAC)
Power wiring	1 P+N+PE or 2P+PE	3P+N+PE or 3P+PE
Rated voltage	230VAC	400VAC (IT system only supports voltage between Land L less than 240VAC)
Voltage ranges	220-240 VAC	380-415VAC
Rated output current	32A	32A
Rated frequency	50Hz/60Hz	50Hz/60Hz
Frequency ranges	50 Hz \pm 1%/60 Hz \pm 1%	50 Hz \pm 1%/60 Hz \pm 1%
Working temperature	-25°C ~50°C	-25°C ~50°C
IP grade	IP54	IP54
Standby power	< 15W	< 15W
Relative humidity	\leq 95%	\leq 95%
Protection function		
Main protect1on function	Overcurrent protection Type-B leakage protection; Overvoltage protection Undervoltage protectionRelay over--temperature protection; Charging connector holder over temperature protection; CP fault protection; Relay adhesion protection;	Overcurrent protection Type-B leakage protection; Overvoltage protection Undervoltage protectionRelay over--temperature protection; Charging connector holder over temperature protection; CP fault protection; Relay adhesion protection;

60kW CCS2+CHAdeMO EU DC CHARGER

European standard DC charger integrates charging module, charging control, electric quantity gauge, man-machine interaction, communication and other functions. It has equipped with charging quantity indicator light, which can monitor the charging status in real time and provide users with safe, reliable, stable and efficient charging service.



Strong suitability

- High system charging efficiency, high power density, high power factor, low harmonic distortion rate, strong system compatibility;
- Compatible with Japanese standard and European standard vehicles, power distribution automatically;
- Single plug charging can achieve positive maximum power output, double plugs charging, power evenly;
- Leading domestic charging technology, algorithm, in order to adapt to foreign communication.

► Main Function

Excellent materials

- We use insulation detector imported from Germany to monitor DC output in real time;
- All key components have been strictly audited by TUV and obtained relevant certifications;
- High quality electronic components withstand all power conditions easily.

Smart and convenient

- The delivery cabinet with modules is convenient for transportation and saves logistics costs;
- Intelligent man-machine interaction, simple operation, easy to check charging information;
- The module adopts vertical design, quick and simple installation, convenient maintenance;
- Exquisite appearance, set SOC lamp outside the charger, you can check the charging process accordingly.

Safe and reliable

- The charger has passed TUV certification, with safe and reliable performance;
- Multiple protection circuits ensure charging safety in all directions;
- The equipment uses interword louver and dustproof cotton design to improve the safety protection level;
- Added DC special surge protector in DC output side.

Technical parameters:

Model	LCEFC1/60CJ2	
Rated Power	60kW	
INPUT		
Input Voltage	AC380/AC400V±10%	
Input Current	≤ 114A	
Input Frequency	50/60Hz±5hZ	
Supply system	3P+N+PE	
Power Factor	≥ 0.99	
THDi	≤ 5%	
OUTPUT		
Connector	CCS2	CHAdeMO
Output Voltage	DC200V~DC750V	DC200V~DC500V
Output Current	0~200A	0~125A
Charging Protocol	DIN70121	CHAdeMO 2.0
Voltage Regulation Accuracy	≤ ±0.5	
Current Regulation Accuracy	≤ ±1	
Features		
Efficiency	≥ 95%	
Starting mode	Online mode	OCPP、QR（Customized）、RFID
	Offline mode	Password, Local RFID
HMI Screen	7” touchable LCD	
Communication Protocol	0CPP1.6J	
Communication Interface	4G/LAN	
Charging Cable	Single/Double	
Cable length	4.5M(Outside the cabinet)	
IP Level	IP54	
Noise	≤ 65dB	
Operating Temperature	-20~50℃	
Storage Temperature	- 40℃ ~ + 70℃	
Relative Humidity	5% ~ 95%RH	
Altitude	≤ 2000m（2000~4000m power degrading）	
L*W*H	700mm*400mm*1550mm	
Weight	≤ 150kg	
Protection		
Input and output overvoltage protection	Support	
Input and output overcurrent protection	Support	
Output short circuit	Support	
Output current limiting	Support	
Insulation detection	Support	
Over temperature	Support	
Emergency stop	Support	
Active protection	Support	
Other functions		
Remote Upgrade	Support	
Equipment Management	Support	
self-inspection system	Support	
Certification	TUV SUD CE	

120kW/180kW CCS2+CHAdeMO EU DC CHARGER

European standard DC charger integrates charging module, charging control, electric quantity gauge, man-machine interaction, communication and other functions. It has equipped with charging quantity indicator light, which can monitor the charging status in real time and provide users with safe, reliable, stable and efficient charging service.



Strong suitability

- High system charging efficiency, high power density, high power factor, low harmonic distortion rate, strong system compatibility;
- Compatible with Japanese standard and European standard vehicles, power distribution automatically;
- Single plug charging can achieve positive maximum power output, double plugs charging, power evenly;
- Leading domestic charging technology, algorithm, in order to adapt to foreign communication.

► Main Function

Excellent materials

- We use insulation detector imported from Germany to monitor DC output in real time;
- All key components have been strictly audited by TUV and obtained relevant certifications;
- High quality electronic components withstand all power conditions easily.

Smart and convenient

- The delivery cabinet with modules is convenient for transportation and saves logistics costs;
- Intelligent man-machine interaction, simple operation, easy to check charging information;
- The module adopts vertical design, quick and simple installation, convenient maintenance;
- Exquisite appearance, set SOC lamp outside the charger, you can check the charging process accordingly.

Safe and reliable

- The charger has passed TUV certification, with safe and reliable performance;
- Multiple protection circuits ensure charging safety in all directions;
- The equipment uses interword louver and dustproof cotton design to improve the safety protection level;
- Added DC special surge protector in DC output side.

Technical parameters:

Model	LCEFC1/120CJ2		LCEFC1/180CJ2	
Rated Power	120kW		180kW	
INPUT				
Input Voltage	AC380/AC400V±10%			
Input Current	≤ 228A		≤ 342A	
Input Frequency	50/60Hz±5hZ			
Supply system	3P+N+PE			
Power Factor	≥ 0.99			
THDi	≤ 5%			
OUTPUT				
Connector	CCS2	CHAdE MO	CCS2	CHAdE MO
Output Voltage	150~1000 VDC	150~500 VDC	150~1000 VDC	150~500 VDC
Output Current	0~200A	0~125A	200A	125A
Charging Protocol	DIN70121	CHAdE MO 2.0	DIN70121	CHAdE MO 2.0
Voltage Regulation Accuracy	≤ ±0.5			
Current Regulation Accuracy	≤ ±1			
Power Switching	Support automatic power distribution, minimum switching unit 30kW			
Features				
Efficiency	95%			
Starting mode	Online mode		OCPP、QR（Customized）、RFID	
	offline mode		Password, Local RFID	
Display Screen	7" touchable LCD			
Communication Protocol	OCPP1.6J			
Communication Interface	4G/LAN			
Charging Cable	Double			
Charging Cable	4.5m（Outside the cabinet）			
IP Level	IP54			
Noise	≤ 65dB			
Standby power loss	≤ 99W			
Operating Temperature	-20~50℃			
Storage Temperature	- 40℃ ~ + 70℃			
Relative Humidity	5% ~ 95%RH			
Altitude	≤ 2000m（2000~4000m power degrading）			
L*W*H	800*600*1700mm			
L*W*H	800*600*1700mm			
Weight	≤ 300kg		≤ 330kg	
Protection				
Input and output overvoltage protection	Support			
Input and output overcurrent protection	Support			
Output short circuit	Support			
Output current limiting	Support			
Insulation detection	Support			
Over temperature	Support			
Emergency stop	Support			
Active protection	Support			
Other functions				
Remote Upgrade	Support			
Equipment Management	Support			
self-inspection system	Support			
Certification	TUV SUD CE			