T·LUCE®

7KW AC Charger

Applicable Scenes

They are suitable for occasions such as private villas, residential areas, commercial office buildings, urban complex parking lots or urban public charging stations that can charge slowly for a long time; or applied for 4S stores of new energy vehicles, workshop debugging areas, road rescue of new energy vehicles and other occasions that require frequent change of charging station sites or temporary power supply.

Features

- Delicate appearance, simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 4.3-inch color touch screen;
- Support multiple modes of charging, operation management and payment;
- Support Ethernet or wireless telecommunication;
- Support RFID Card/OCPP1.6 (optional);
- Support Type-2 (optional);
- Overload integrated Protection;
- Support online data upgrade.

Technical Data

Sr. NO.	Parameters	Requirements
General Requirements		
1	EV charger Type	AC
2	Charger Capacity	7KW
3	Model No.	TL -ACB007A
4	Mounting	Wall-mounted
Input Requirements		
5	AC Supply System	Single-Phase, 3 Wire AC system
6	Nominal Input voltage	220V (+20% and -20%)
7	Input frequency	50Hz, ± 1.5Hz / 60Hz, ± 1.5Hz
Environmental Requirements		
8	Ambient Temperature Range	-25 to 55° C
9	Ambient Humidity	5 to 95%
10	Storage temperature	-40 to 70° C
Mechanical Requirements		
11	IP Ratings	IP 54
12	Size (W*D*H) (mm)	292.4*125.9*417.4
13	Cooling	Air cooled
Output Requirements		
14	Number of outputs	1
15	Type of each output	220V (+20% and -20%) single phase, 32Amp
16	Output Current	32 Amp
17	Output Connector Compatibility	AC: IEC-61851-22, IEC 62196-2 Mode 3, Type 2
User Interface & Display Requirements		
18	Display & touch-screen size	4.3 inches
19	User Authentication	Mobile application or User interface / QR Code/RFID Card /Password Login
20	Metering Information	Consumption Units
Communication Requirements		
21	Communication between EVSE and Central Server	OCPP 1.6 protocol
22	Interface between charger and CMS	Ethernet and GPRS Modem
Protection & Safety Requirements		
23	Safety Parameters	Over current, under voltage, Residual current, Surge protection, leakage protection, Short circuit, Over temperature, etc.

T·LUCE®

22KW AC Charger

Applicable Scenes

They are suitable for occasions such as city special charging stations that provide charging for bus, taxi, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuter, bus; intercity highway charging stations and other occasions that need special AC fast charging.

Features

- Delicate appearance, simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 4.3-inch color touch screen;
- Support multiple modes of charging, operation management and payment;
- Support Ethernet or wireless telecommunication;
- Support RFID Card/OCPP1.6 (optional);
- Support IEC62196-2 Type-2 (optional);
- Overload integrated Protection;
- Support online data upgrade.

Technical Data

Model No. / Parameters	TL-ACL022A	
Item	22KW AC Charger	
Charging Equipment	AC Input Voltage Range(V)	380Vac± 20% (3 phase)
	Frequency Range(Hz)	45-60
Charging Terminal	Output Voltage Range(V)	380Vac± 20% (3 phase)
	Max Output Current(A)	32A
	Rated Output Power(KW)	22KW
	Efficiency	96%
	Charging Port	Single Plug
	Charger Cable Length(m)	5m
Configuration and Protection Information	Display Screen	4.3-Inch Color Touch Screen
	Status Indication	LED status indicator
	Mounting	Ground mounted
	Charging Mode	Auto/Electric Quantity/ Money/Time
	Charging Operation	Punch Card/ Scan QR Code/ APP(Application)
	RFID Reader	Support
	OCPP	OCPP compliant Optional
	CCS	Support
	Chademo	Support
	Over Current Protection	YES
	Over Voltage Protection	YES
	Earth Leakage Protection	YES
	Operation Indication	Power on / Charging / Error
	Communication Mode	Ethernet/3G/4G
	Heat Dissipation Control	Natural Cooling
	IP Rating	IP54 protected
	Size (W*D*H) (mm)	1400*415*295
Work Environment	Working Altitude(m)	2000
	Working Ambient Temp.(°)	-25° ~+50°
	Storage Ambient Temp.(°)	-40° ~+70°
	Average Relative Humidity	5%~95%RH Non-condensing
	Voice control	≤ 60dB
	MTBF	100,000 hours

T·LUCE®

50 KW DC Charger

Applicable Scenes

They are suitable for occasions such as city special charging stations that provide charging for bus, taxi, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuter, bus; intercity highway charging stations and other occasions that need special DC fast charging.

Features

- Simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Friendly interaction interface, 7inch color touch screen;
- Support multiple modes of charging, operation management and payment;
- Support RS232/435/CAN, Ethernet or wireless telecommunication;
- Overload integrated Protection;
- Support online data upgrade.

Technical Data

Sr. NO.	Parameters	Requirements
General Requirements		
1	EV charger Type	DC
2	Charger Capacity	50KW
3	Model No.	TL-DCL050B
4	Mounting	Ground mounted
Input Requirements		
5	AC Supply System	Three-Phase, 5 Wire AC system
6	Nominal Input voltage	380V (+20% and -20%)
7	Input frequency	50Hz, ± 1.5Hz / 60Hz, ± 1.5Hz
Environmental Requirements		
8	Ambient Temperature	-25 to 55° C
9	Ambient Humidity	5 to 95%
10	Storage temperature	-40 to 70° C
Mechanical Requirements		
11	IP Ratings	IP 54
12	Cooling	Forced air cooled
13	Size (W*D*H) (mm)	879*620*1670
Output Requirements		
14	Number of outputs	2
15	Type of each output	250-750VDC (+20% and -20%)
16	Output Current	Max. 112Amp
17	Power Factor	≥ 0.99(50% load above)
User Interface & Display Requirements		
18	Display & touch-screen size	7 inches
19	User Authentication	Mobile application or User interface / QR Code/RFID Card /Password Login
20	Metering Information	Consumption Units
Communication Requirements		
21	Communication between EVSE and Central Server	OCPP 1.6 protocol
22	Charger and CMS	Ethernet and GPRS Modem
Protection & Safety Requirements		
23	Safety Parameters	Over current, under voltage, Residual current, Surge protection, leakage protection, Short circuit, Over temperature, etc.
24	Power failure	If there is a power failure, user is indicated about this.

T·LUCE®

142 KW ADC Charger

Applicable Scenes

They are suitable for occasions such as city special charging stations that provide charging for bus, taxi, public service vehicles, sanitation vehicles, logistics vehicles, etc.; city public charging stations that provide charging for private cars, commuter, bus; intercity highway charging stations and other occasions that need special fast charging.

Features

- Simple operation, convenient installation;
- High efficiency, reliable and stable performance;
- Two DC output (CCS-2 and CHAdeMO) and one AC output (Type 2)
- Friendly interaction interface, 7inch color touch screen;
- Support multiple modes of charging, operation management and payment;
- Support Ethernet and 3G/4G with OCPP1.6 compliance;
- Overload integrated Protection;
- Support online data upgrade.

Technical Data

Sr. NO.	Parameters	Requirements		
General Requirements				
1	EV charger Type	DC + AC		
2	Charger Capacity	142KW (60KW CCS-2 + 60KW CHAdeMO + 22KW Type 2)		
3	Model No.	TL-ADCL142C		
4	Mounting	Ground mounted		
Input Requirements				
5	Input voltage Range	260VAC to 530VAC		
6	Input frequency	50Hz, ± 1.5Hz / 60Hz, ± 1.5Hz		
Environmental Requirements				
7	Ambient Temperature	-20 to 75° C		
8	Ambient Humidity	5 to 95%		
9	Storage temperature	-20 to 80° C		
Mechanical Requirements				
10	IP Ratings	IP 54		
11	Cooling	Forced air cooled		
12	Size (W*D*H) (mm)	700*568*1767		
Output Requirements				
13	Number of outputs	3		
14	Type of each output	DC output 1	DC output 2	AC output
		CCS-2, up to 60KW	CHAdeMO, up to 60KW	Type2, 3 phase, Max. 22KW
15	Power Factor	≥ 0.99(50% load above)		
User Interface & Display Requirements				
16	Display & touch-screen size	7 inches		
17	User Authentication	Mobile application or User interface / QR Code/RFID Card /Password Login		
18	Metering Information	Consumption Units		
Communication Requirements				
19	Communication between EVSE and Central Server	OCPP 1.6 protocol		
20	Charger and CMS	Ethernet and GPRS Modem		
Protection & Safety Requirements				
21	Safety Parameters	Over current, under voltage, Residual current, Surge protection, leakage protection, Short circuit, Over temperature, etc.		
22	Power failure	If there is a power failure, user is indicated about this.		