

EV Charger



Features & functions (Optional)

- Suitable for both indoor and outdoor use
- Suitable for single and three phase
- Adjustable current, up to 32A (22kW)
- Scheduled Charging
- 4G, WIFI, Bluetooth, APP, OCPP 1.6J compatible
- Emergency Stop
- 2 Connectors (guns)
- With cable or with socket
- 3 shapes and 2 colors (black, white)
- DLB (Dynamic load balancing)
- RFID (Radio Frequency Identification Devices) card

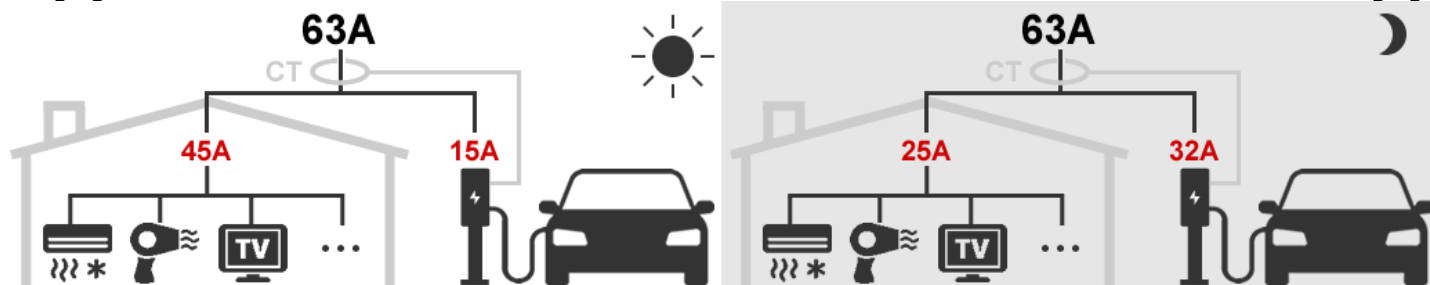
Protections

- Over Voltage Protection
- Under Voltage Protection
- Over Current Protection
- Short-circuit Protection
- Over Temperature Protection
- Electric Leakage Protection
- Lightning Protection
- Ground Protection
- CP Signal Abnormal Protection
- Fire Protection, Anti-pressure Protection
- RCM (Residual Current Monitoring)

DLB (Dynamic Load Balancing)

When the EV charger is working with other household appliances at the same time, the total current will easy to overload and causing power cuts.

With an external transformer and a settable value of max main current, the EV charger will automatically adjust the charging current (10A-32A) to fit the settled value. So the total household current will not be overloaded due to charging.



RCM (Residual Current Monitoring)

If DC or AC leakage occurs during charging process, the charger will break the circuit immediately. And the charger will recover automatically after the fault is cleared.

Also the charger will do the function self-check on the RCMU (Residual Current Monitoring Unit) before every charging.

RCD Type	Symbols	Feature
AC		Alternating Current only
A		Full type AC features, + Detection of pulsating current with DC components
B		Full type A features, + Detection of high frequency currents up to 1kHz, + smooth DC currents.

According to IEC 61851, for the residual current protection of EV charger, the AC charging should be equipped with type B RCD or type A + 6mA smooth DC RCD.

RFID (Radio Frequency Identification Devices) Card

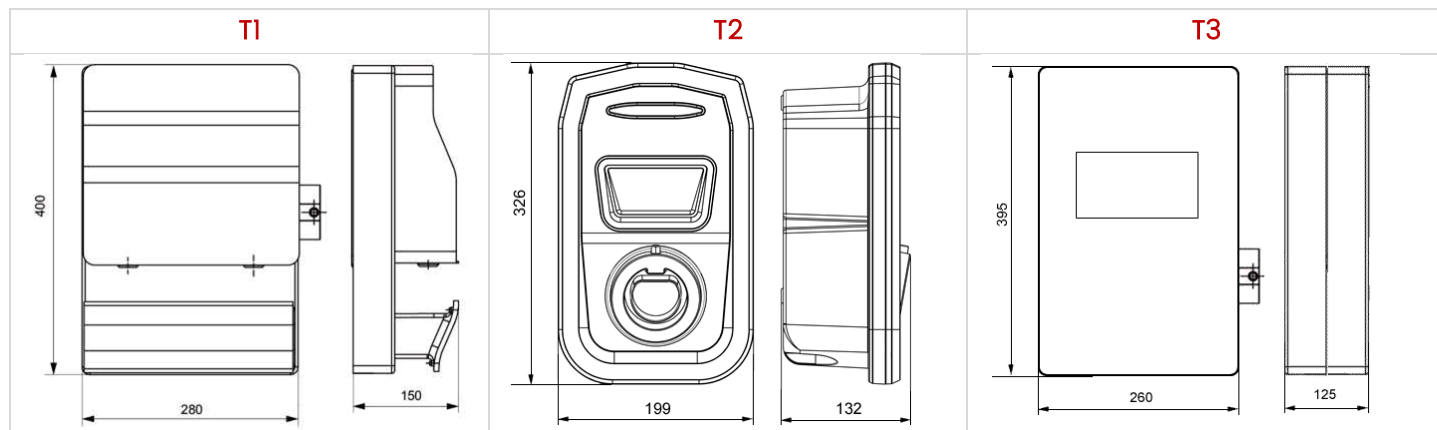


Tap and start to charge automatic.
Prevent from unauthorized users.

5 cards with one EV Charger. Function setting of the DIP Switch as following pics.



Dimension



Specifications		
Voltage	230Vac $\pm$ 20% (1 phase)	400Vac $\pm$ 20% (3 phase)
Rated Current	10-32A	
Frequency	50-60Hz	
Maximum Power	7.3kW (1 phase)	22Kw (3 phase)
Charge Mode	Mode 3 in accordance with IEC 61851-1 AC charging	
Rated Short-Circuit Current Icn	<10KA (According to EN 60898-1)	
Over Voltage Protection	In according with IEC 60664	
RCM (Residual Current Monitoring)	RCD Type B, In according with IEC 62955	
Lightning Protection	In according with IEC 61643	
Fire Protection	UL94V-0	
Anti-pressure Protection (connector)	Falling from 1 m, 2-ton car crushing	
Cable Connector Versions	Type 2 cable, in according with IEC 62196-1/2	
Buttons	Emergency stop, physical adjustment	
Indication	Standby (green), Charging (flashing green), Fault (red)	
Display	7" LCD	
WIFI	Optional	
4G	Optional	
Data Protocol	OCCP1.6J	
App	IOS/Android	
CP Signal Abnormal Protection	Optional	
RFID (Radio Frequency Identification Devices)	ISO 1443 A/B; ISO 15693	
Installation Environment	Indoor and outdoor	
Mounting	Wall/Pole	
Working Temperature	-30℃~ 50℃	
Storage Temperature	-40℃~ 70℃	
IP Performance	IP 55	
Maximum Altitude	2000m above sea level	
Relative Air Humidity	5%~95% (non-condensing)	
Working Life	10,000 times	
Warranty	3 years	