



EV Charger Specification 1/3

Type	7kW-32A	11kW-16A	22kW-32A
Input	1-phase 230V 50Hz	3-phase 400V 50Hz	3-phase 400V 50Hz
Required electricity connection	1-phase x 32A	3 phases x 16A	3 phases x 32A
Charging plug	IEC62196-2 type 2		
Output	Max. 7kW 1-phase 230V	Max. 11kW 3-phase 400V	Max. 22kW 3-phase 400V
Charging current	8A / 10A / 13A / 16A / 32A	8A / 10A / 13A / 16A	8A / 10A / 13A / 16A / 32A
Residual current detection	RCD type B all-current sensitive		
Standby consumption	< 3W		
Contact resistance	≤0.3mΩ (L/N)		
Insulation resistance:	500MΩ (1.000V AC)		
Charging mode:	IEC 62196-2, IEC 61851-1		



OPERATING ELEMENTS

1. Charging indicator
2. Emergency stop switch
3. LCD display
4. Sensor button for charging current setting
5. Sensor key for start preselection
6. RFID receiver



**EV Charger
Specification 2/3**

Type	7kW-32A	11kW-16A	22kW-32A
Protective functions	Overvoltage, undervoltage, overcharging and overheating protection, fault current detection, PE detection		
Pull-off force	45N...80N		
Plugging cycles	≥10.000x (Load-free)		
Cooling method	Convection		
Housing	ABS + PC housing material		
Dimensions	310x161x79.8mm		
Installation	Wall mounting		
Protection type	IP65		
Operating temperature	-30°C...+55°C		
Operating humidity	5%...95% non condensing		



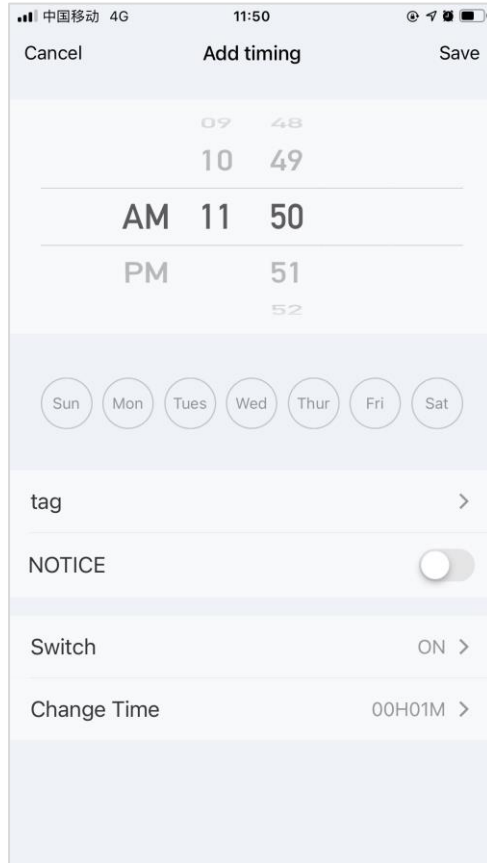
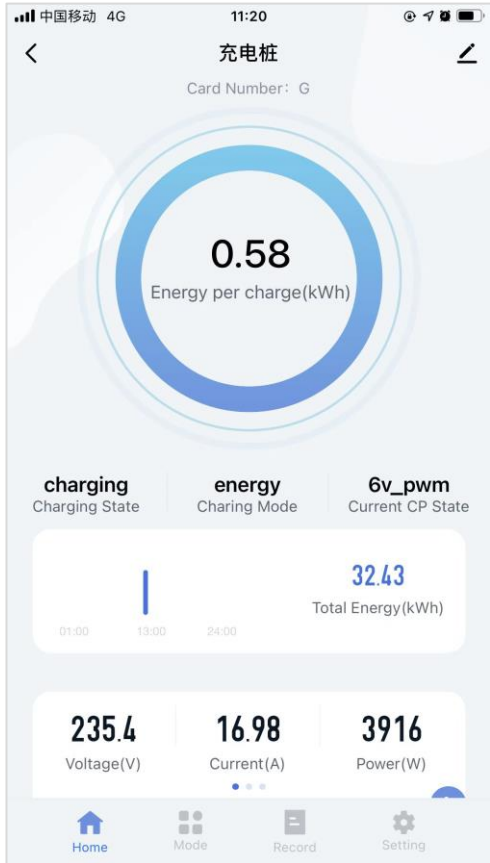
LCD DISPLAY

1. Temperature
2. Supply voltage
3. Current charging capacity (kW)
4. Charging time
5. Current charging current (A)
6. Charged energy (kWh)
7. Set charging current (A)
8. Preselection starting delay and time
9. Status indication



EV Charger Specification 3/3

Type	7kW-32A	11kW-16A	22kW-32A
Flammability class	UL94 V-0		
Charging cable length	5m		
Charging cable wires	3*6mm ² +1mm ² +0.75mm ²	5*6mm ² +1mm ² +0.75mm ²	5*6mm ² +1mm ² +0.75mm ²
Weight	3100g	3100g	3500g
Load balancing	Optional: Dynamic load balancing. Needs electricity meter and some cable installations. When the total current in your home or house rises too high, an energy meter that measures the current in the charger limits and reduces the current drawn by the chargers. This prevents the fuses from tripping and eliminates the need for changes to the house's power supply system, saving money in the long run. Same load balancing system works with multiple EV chargers.		
Electricity meter size	72x90x65mm (WxHxD)		



MOBILE PHONE INTERFACE

1. EV charger's status view
2. Schedule – charging mode



Mobile phone application



Type	All models
Mobile phone application	Tuya Smart, can be downloaded free to mobile phones
Connection	Wi-Fi connection (4G) via home router
Adding EV charger	New EV charger device can be added via Tuya smart application interface just few clicks and it scans and installs new devices.
Status information	energy per charge, charging state, charging mode, total energy (kWh), voltage, current, power
Charging modes	Now, Energy, Schedule
Manual Load balancing options	Load balancing can be made manually by using full charge at nights and only low charge during daytime if needed.
Other devices	Tuya smart supports thousands of smart home devices etc.