

## AC Single-phase 7KW Commercial Charger

7KW commercial charger is designed for public use with RFID authentication. Equipped with a type 2 charging socket, the charger is compatible with either type 1 or type 2 cable.

Compliant with the industrial standards, the charger use MID certified meter to ensure accuracy and built-in RCD to secure safety. The charger also includes 6mA DC leakage detection, which eliminates the need for an expensive upcost of RCD type B.

The charger can be connected to a charging network with the help of EN-GATE gateway. Multiple public chargers in one location can be integrated in the network with only one internet communication connection. Thanks to open charge protocol OCPP 1.6, the charger operation and status is monitored and controlled by existing backend or central management system.



## AC Single-phase 7KW Commercial Charger

Specification	Model	AC7000-BE-24
AC Nominal Input	Phases / Lines	1 phase + neutral + PE
	Voltage	230 V $\pm$ 10%
	Frequency	50Hz
AC Nominal Output	Voltage	230 V $\pm$ 10%
	Current	32A
	Power	7KW
Structure Design	Housing Material	Plastic PC940
	Front Panel	Temper glass
	Installation Method	Wall-mount/Floor-stand
	Wall-mount Bracket	Not necessary
	Charging Outlet	One charging socket (Type 2)
	Cable Length	No cable
	LED Indicator	Green/yellow/red color for different status
	LCD Screen	Display of charging data
	Touch Buttons	4 buttons for screen operation
	Emergency Stop Button	Yes
	RFID Function	Yes
	RFID Card	2pcs Mifare card
	Energy Meter	MID certified
	RCD	Type A + 6mA DC
Environmental Index	Operating Temperature	-30~+50°C
	Working Humidity	5%~95% without condensation
	Working Altitude	<2000M
	Protection Grade	IP54
	Application Site	Indoor/Outdoor
	Cooling Method	Natural cooling
Security Protection	Multiple Protection	Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection, Grounding protection, Surge protection, Over/Under temperature protection
	MTBF	100,000 hours
	Safety Standard	IEC 61851-1: 2017, IEC 62196-2: 2016
	Warranty	2 years
Package Information	Product Dimension	356*221*136MM
	Package Demension	485*325*202MM
	Net Weight	3.0KG
	Gross Weight	4.5KG
	External Packing	Carton
Optional Parts	Network Gateway	Ethernet/3G/4G communication
	Communication Protocol	OCPP 1.6 (JSON)
	Floor-stand Pillar	Galvanized steel
	Type 2-Type 2 Cable	Single-phase/Three-phase, 4M cable
	Type 2-Type 1 Cable	Single-phase, 4M cable
	Fixed Cable instead of Socket	Type 1 or Type 2 chraging gun with 4M cable