

# The EVCA™ Series

## Electric Vehicle AC Charging Units

E24™

P261E



### Electric Vehicle AC Charging Units from 3.5KW to 7KW

With the proliferation of electric vehicles, it is becoming necessary to deploy a large number of electric vehicle charging units.

Vehicles are supplied with AC charging adaptor for a slow overnight charge. Vehicles that have to travel remote distances will require local recharging means.

E24 offers a wide range of AC Electric Vehicle Chargers for street-light, mobile or desktop applications.

# The EVCA™ Series AC Electric Vehicle Chargers

- AC charging piles are divided into various types including streetlight type charging pile, wall-mounted charging pile, tower-type charging pile, specifically for small electric vehicles with car-carry AC charger.

- Controlling of AC charging pile is implemented by the embedded single chip computer, dominates the functions of credit card management, charging interface management, online monitoring, power metering, security and other functions, and it is the operating terminal for end user.

- AC charging pile is equipped with integrated functions of monitoring, metering, billing and protection, so as to provide safe and controllable AC power supply for car-carry charger.

## Features:

- **High-sensitivity card reader**
- **High-precision energy meter**
- **Industrial grade processor**
- **Friendly User Interface**
- **Perfect protection function**
- **Software upgrade function**
- **Ethernet background communication**
- **Easy Installation**
- **Excellent operational status indication**



# Technical Specifications

Specification		Type	EVCA1-3.5KI	EVCA2-3.5KI	EVCA2-7.0KI	EVCA3-3.5KI	EVCA3-7.0KI
Product		Streetlight type charging pile	Wall-mounted AC charging pile		Tower-type AC charging pile		
Input	Rated voltage (Vac)	220±15%					
	Frequency range (Hz)	50±1					
Output	Numbers of charging gun	1					
	Output Voltage (Vac)	220±15%					
	Output Power (kW)	3.5	3.5	7	3.5	7	
	Rated Current (A)	16	16	32	16	32	
Equipment Information	Length of charging gun	3.5m	3.5m	3.5m	3.5m	3.5m	
	Working Temperature (°C)	-20~+50					
	Storage Temperature (°C)	-20~+55					
	Operating humidity	5~95%					
	Dimensions (W×D×H) (mm)	190×175×600	270×185×450	270×185×450	270×235×1400	270×235×1400	
	Weight (kg)	24	27	27	40	40	
Features	Basic	Human-machine interface: LCD. Payment mode: Non-contact CPU card. Charging billing: AC electrical energy meter. Communication interface: Ethernet / 2G wireless	Human-machine interface: 7-inch touch screen Payment mode: Non-contact CPU card Charging billing: AC electrical energy meter. Communication interface: Ethernet				
	Optional	Human-machine interface: voice broadcast	Human-machine interface: voice broadcast Length of charging gun: 5 m, 7 m, 10 m Communication interface: 2G/3G/4G wireless				
Others	IP grade	IP54					
	Basic protection	Short-circuit, Over/under voltage, Over current, Leakage					
	Remote controlling	Able to send commands and switch signal to control start and stop of charging pile					
	Protective measures	Anti-moisture, anti-fungal, anti-salt spray, anti-dust, waterproof, etc.					
	Sectional charge	Charge differently at peak and valley time					

## Ordering Information

Ref Number	Description
EVCA1-3.5KI	Electric Vehicule AC Charging Unit, Type 1, 3.5KW, 3P input, 220/380V, 50/60 Hz
EVCA2-3.5KI	Electric Vehicule AC Charging Unit, Type 2, 3.5KW, 3P input, 220/380V, 50/60 Hz
EVCA2-7.0KI	Electric Vehicule AC Charging Unit, Type 2, 7.0KW, 3P input, 220/380V, 50/60 Hz
EVCA3-3.5KI	Electric Vehicule AC Charging Unit, Type 3, 3.5KW, 3P input, 220/380V, 50/60 Hz
EVCA3-7.0KI	Electric Vehicule AC Charging Unit, Type 3, 7.0KW, 3P input, 220/380V, 50/60 Hz



PV Panels



PV Cabling Kits



PV Mounting Kits



PV Charge  
Controllers



PV Inverter



PV Controllers



# E24 Offers a wide range of products to integrate renewable energy generation, conversion and Storage

E24 products dynamically evolve with the lifestyle and work style of its customers while easing the installation process.

E24 products are conceived in modules allowing for an easy upgrade to adjust with the needs of the customers.

Being modular and easy to connect E24 products allow installers to easily configure the required modules for an optimal solution while offering easy upgrade options.

When installed by an E24 Authorized Installer, E24 products are optimally designed to work perfectly with each other in order to provide maximal performance and reliability.





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ISO 9001:2015



QUALITY STANDARD

