

# EVA-22S-SE-RFID / EVA-22S-SE-RFID-C



22kW Pro Earth Wall AC Charger Single Gun RFID  
[32a Three Phase]

## The Future of EV Charging

The EVA-22S-SE-RFID and EVA-22S-SE-RFID-C is a three-phase, fast AC electric vehicle charger, that comes with built-in Pro Earth protection, meaning the charger does not require the addition of a costly earth spike installation.

Our 22kW pro earth charging unit comes packed with features as well as a market-leading five-year warranty. Complete with a compact sleek design and solar compatibility; this charger also has time-shifting capabilities giving you the opportunity to save £100's per year\*. With the charging unit's integrated cable locking feature you can ensure total protection, granting safety and convenience tethering the charger, cable, and vehicle all together securely.

The EVA-22S-SE-RFID and EVA-22S-SE-RFID-C is ready out of the box and perfect for any domestic electric vehicle charging. The RFID unit comes with one RFID card as standard, with additional RFID cards (EV-RFID) available for purchase. Optional ground mounts (EV-GMEVA-S-2) & optional floor stands (EV-FLRSTAND) are available to purchase.



**TYPE 2  
SOCKET**



**PRO EARTH  
NO SPIKE REQUIRED**



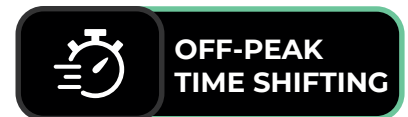
**CABLE LOCK  
SYSTEM**



**5 YEAR  
WARRANTY**



**RFID  
CONTROL**



**OFF-PEAK  
TIME SHIFTING**



## METHODS OF CONTROL

**Plug & Charge** - Project EV's ethos is to make charging electric vehicles easy and stress free for all. With the Plug and Play mode you do not require any additional software or applications to control your EV charge point, you simply plug your car into a Project EV device, and the charge begins.

**RFID** - RFID Mode Charging is an easy simple way for users to control their EV Charge Point with a swipe of a card. One RFID card is supplied as standard, however extra cards can be supplied for those interested in public charging.

**Project EV App** - The FREE Project EV App allows you to choose and customise charging rates, prioritise off-peak charging to maximise savings (including via a solar charging mode) and create charging records; so you can see and control all your data.

**Project EV Pro App** - The Project EV Pro App is a unique EV charging platform, providing you the ability to utilise public charging capabilities and manage and control multiple chargers - from which you can generate a fluid revenue stream.



**Note** - EVA-22S-SE-RFID/EVA-22S-SE-RFID-C Datasheet - Information correct as of 01/23

\*The amount of potential savings you can save per year depends on your energy provider, and your set energy tariff rates.

## Input & Output

Input Amps	32a Three Phase
Input voltage	415V AC
Input frequency	50HZ
Output voltage	415 AC
Max. output power	22KW
Max. output current	32A per phase
Charging interface type	IEC 62196-2, Type 2

## Protection

Over voltage protection	✓
Under voltage protection	✓
Over load protection	✓
Short circuit protection	✓
Earth leakage protection	✓
Over-temp protection	✓
Surge protection	✓
PEN fault protection	✓
Anti Tamper Switch	EVA-22S-SE-RFID-C Model Only

## Function & Accessory

LCD	Yes
Ethernet/WIFI	Yes/Yes
Outlet Type	Type 2 (socket)
RCBO	Type A +6mA DC fault current protection (Equivalent to Type B)
LED Indicator light	✓
Emergency stop button	✓
Intelligent power adjustment	Opt.
RFID	✓
Solar Mode	3 x CT Clamp (EV-CTClamp) or 3 Phase Modbus Meter Required (EV-TPM)
Load Management	3 x CT Clamp (EV-CTClamp) or 3 Phase Modbus Meter Required (EV-TPM)

## Working Environment

Protection degree	IP65
Environment temperature	-25°C~+50°C
Relative humidity	0-95% non-condensing
Cooling	Natural air cooling
Standby power consumption	<8W
IK Rating	IK10

## Mechanical

Dimension (W/H/D)	300/465/170mm
Weight	<9KG

## Mounting & Accessories

Wall-mounting	Standard
Floor-pole	Opt. EV-FLRSTAND
Grout-mounting	Opt. EV-GMEVA-S-2

## Certification

CE	✓
SA8000 Accredited	✓
OZEV Approved	✓
UKCA	✓

