

EVD-20S-P

20kW Wall DC Charger Single Gun RFID
[CCS]



The Future of EV Charging

The EVD-20S-P is a three-phase, commercial DC charging unit, featuring a single CCS gun.

With its high power, it's an ideal small-scale commercial charging unit that is also compatible with our bespoke app, allowing for easy fleet and cost management - as well as being able to manage load balancing for larger scale charging across multiple vehicles.

The RFID unit comes with one RFID card as standard, with additional RFID cards (EV-RFID) available for purchase. Optional ground mounts (TBC) & optional protection posts (TBC) are available to purchase.



CCS
CONNECTOR



RAPID
CHARGING



18TH EDITION
COMPLIANT



5 YEAR
WARRANTY



RFID
CONTROL



IP54
PROTECTION

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.



Input & Output

| | |
|---------------------|---|
| Input Amps | 32a Three Phase |
| Input voltage | 260~457V AC |
| Input frequency | 50/60HZ |
| DC outlet type | CCS |
| Output voltage | 50-750V DC |
| Max. output power | 20KW |
| Max. output current | 67A DC |
| Voltage accuracy | $\pm 0.5\%$ |
| Current accuracy | $\pm 1\%$ |
| Ripple coefficient | RMS: $\pm 0.5\%$; Peak: $\pm 1\%$ |
| Meeting accuracy | 0.5% |
| Efficiency | >=95.2% |
| Cable Length | 5m |

Protection

| | |
|--------------------------|---|
| Over voltage protection | ✓ |
| Under voltage protection | ✓ |
| Over load protection | ✓ |
| Short circuit protection | ✓ |
| Earth leakage protection | ✓ |
| Over-temp protection | ✓ |
| Surge protection | ✓ |

Function & Accessory

| | |
|------------------------------|-----------------|
| Display | 4.3 inch screen |
| Ethernet/WIFI/4G | Yes/Yes/Opt |
| LED Indicator light | ✓ |
| Emergency stop button | ✓ |
| Intelligent power adjustment | Opt. |
| RFID | ✓ |

Working Environment

| | |
|---------------------------|-----------------------|
| Protection degree | IP54 |
| Environment temperature | -20°C~+50°C |
| Relative humidity | 5%-95% non-condensing |
| Cooling | Forced air cooling |
| Standby power consumption | <25W |
| Noise emission | ≤65db |
| IK Rating | IK10 |

Mechanical

| | |
|-------------------|---------------|
| Dimension (W/H/D) | 450/630/210mm |
| Weight | <45KG |

Mounting & Accessories

| | |
|-------------------------|------------------|
| Wall-mounting | Standard |
| Floor-pole | Opt. TBC |
| Grout-mounting | Opt. TBC |
| Dynamic Load Management | Opt. EV-TPM-200A |

Certification

| | |
|-------------------|---|
| UKCA | ✓ |
| SA8000 Accredited | ✓ |
| OZEV Approved | ✓ |

