

# EVD-40S



Large capacity fast DC EV charging station for public use, CCS type 2 plug

## Features

- Programmable charging mode
- 7 inch touch screen
- Comprehensive protection
- European standard
- Multiple communication modes
- Flexible installation

# Datasheet

## EVD-40S

### Input & Output

Input voltage	260~455V AC
Rated input voltage	400V AC
Frequency	50/60Hz
DC plug type	CCS Type 2
Output voltage range	150~750V DC
Max. output power	40kW
Max. output current	80A
Voltage accuracy	<±0.5%
Current accuracy	≤±1% (at 20%~100% of rated power)
Voltage-regulating accuracy	≤±0.5%
Current-regulating accuracy	≤±1%
Ripple coefficient	RMS: ≤±0.5%; Peak: ≤±1%
Metering accuracy	0.5%
Efficiency	≥95.2%
Cable Length	5m

### Protection

Over voltage protection	Yes
Under voltage protection	Yes
Over load protection	Yes
Leakage current protection	Yes
Over-temp protection	Yes
Short circuit protection	Yes
Lightning protection	Yes

### Function & Accessory

Display	7 inch touch screen
Ethernet/WIFI/4G	Yes/Yes/Opt
Charging mode	APP/RFID/Plug and Charge
Indicator	Yes
Emergency stop	Yes

### Working Environment

Protection degree	IP54
Operating temperature	-25°C ~+50°C
Relative humidity	5%-95% non-condensing
Maximum altitude	2000m
Cooling	Forced air cooling
Standby power consumption	<25W
Noise emission	≤65db

### Mechanical

Dimension (W/H/D)	548/775/294mm
Weight	65kg

### Certificate

Certificate	CE
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