

GREEN ENERGY
READILY AVAILABLE

EVD002-40E (SINGLE)

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KEY FEATURES AND BENEFITS

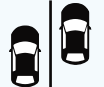
- Multiple layers of electrical protection, including overvoltage, undervoltage, and overcurrent protection
- Low noise design ensures a comfortable user experience in any environment
- Different installation options wall-mount & pedestal saves space at charging sites
- Support to OCPP 1.6J & 2.0.1
- IP54 & IK10 rated — dust, water, and impact resistant, validated by rigorous salt spray testing for reliable performance in coastal, industrial, and dusty environments.
- Online and local service and configuration tools

APPLICATIONS


Commercial


Gas Station


Fleet


Parking


Logistics


Expressway



SPECIFICATIONS



CERTIFICATION



EVD002

MODEL		EVD002-30E(single)	EVD002-40E(single)
AC Input	AC Connection	3-Phase, L1, L2, L3, N, PE	
	Input Voltage Range	400V±15%	
	Input Frequency	50 Hz or 60 Hz	
	AC Input Power	47 A, 33 kVA	63 A, 44 kVA
DC Output	Maximum Power	30 kW	40 kW
	Charging Outlet	1*CCS2 cable (GB/T Optional)	
	Cable Maximum Current	100 A	133 A
	Cooling Method	Air-cool	
	Cable Length	4.5 M (7m Optional)	
	DC Output Voltage	150-1000 Vdc	
Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection, grounding protection, overtemp protection		
Efficiency (peak)	≥ 94.5%		
User Interface	Display	7" LCD high-contrast touchscreen	
	Language System	English (Other languages available upon request)	
	Local Authentication	Plug & Charge / RFID / QR code	
	Emergency Button	Yes	
	Internet Connectivity	Ethernet, 4G , WiFi	

SPECIFICATIONS



CERTIFICATION



MODEL		EVD002-30E(single)	EVD002-40E(single)
Light Codes	Standby Power	Solid Green	
	Charging	Green Blinking	
	Finished Charging	Solid Green	
	Fault	Solid Red	
Environmental	Operating Temperature	-25 °C to +50 °C	
	Storage Temperature	-40 °C to +70 °C	
	Humidity	< 95%, non-condensing	
	Operating Altitude	Up to 2000 m	
Mechanical	IP Rating	IP54	
	IK Rating	IK10 (excluding touch screen & RFID cover)	
	Operating Noise Level	≤75dB (at 1m distance @ 25 °C on front door, at full power)	
	Cabinet Material	Stainless 430 steel	
	Screen Material	Temper glass	
	Mounting	Wall-mount or Pedestal stand	
	Dimensions (D x W x H) mm	280*800*620 (Pedestal not included)	
	Net Weight (kg)	42 (Pedestal not included)	
	Warranty	24 Months	
According to standards	Safety	IEC 61851-1 , IEC 61851-23	
	EMC	IEC 61851-21-2	
	Protocol	EV Communication	IEC 61851-24, GB/T27930
		Backend Support	OCPP 1.6J & OCPP 2.0.1
		DC Connetor	IEC 62196-3 , GB/T 20234.3
		RFID Authentication	ISO 14443 A/B