

EMDTEC FS001



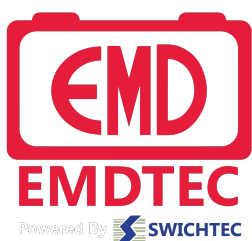
INTRODUCTION

Level 3 EV chargers, also known as DC fast chargers, are the fastest and most powerful type of electric vehicle (EV) chargers available on the market. They provide direct current (DC) power to the EV's battery, enabling it to be charged much more quickly than with Level 1 or Level 2 chargers.

Equipped with ground fault protection, short circuit protection, and overcurrent protection. These features ensure that the charger is safe to use and protect your EV from damage.

GENERAL SPECIFICATIONS:

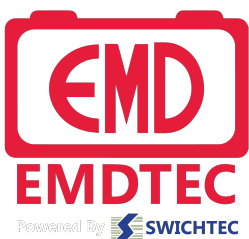
PRODUCT INFORMATION		
Input Power Rating & Current	EU 21kW/32A 42kW/64A	US 21kW/26A 42kW/52A
	Output Power Rating & Current 20kW CCS1/2 0-60ADC;CHAdeMO 0-60ADC 40kW CCS1/2 0-120ADC;CHAdeMO 0-120ADC	
Input Voltage	EU : 400VAC±10%, 3P+N+PE 50 / 60 Hz	US: 480VAC±10%, 3P+PE 60 Hz
Output Voltage	CCS1/2:150-1000VDC CHAdeMO:150~500VDC	
Standby Power	<60W	
Charging Outlet	Single/double (CCS/CHAdeMO) Bottom inlet wiring, up outlet wiring	



Efficiency	≥95%	
Power Factor	≥0.99(Load:100%)	
Protection	Over/under voltage protection, overload protection, current leakage protection, grounding protection, over temp protection, lightening surge protection	
Earth Leakage Protection	EU: TypeA 30mA AC	US: CCID20
Special Protection	Anti-UV protection	
Measuring Accuracy	Class 0.5	
USER INTERFACE		
Connectivity	Ethernet, WIFI, 4G	
User Authentication	APP or RFID card	
User Interface	7inch LCD touch-screen/Emergency stop button/LED indicator/card swiping	
Protocols	OCPP1.6J+	
Software Update	OCPP 1.6, web portal	
GENERAL CHARACTERISTICS		
IP and IK rating	IP54/IK10	
Operating Temperature	<2000m	
Operating Temperature	-30°C~+70°C(Output degraded above 50°C)	
Working Humidity	5%~95% without condensation	
Cooling	Forced-air cooling	
Mounting	Floor stand	
Dimensions	H820*W720*T416mm	
Weight	190-210kg	
Cable Length	4.2m(External line)	
Material	Sheet Metal	

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