



ENERGY STAR CERTIFIED

Electric Vehicle Chargers (DC-Output)

EATON - Green Motion 50 kW DC EV Charger : GMDC50-CCS

Specifications

Brand Name:	EATON
Model Name:	Green Motion 50 kW DC EV Charger
Model Number:	GMDC50-CCS
ENERGY STAR Unique ID:	3553983
Type:	DC-output (AC-input)
Rated Input Voltage (V) AC-Input:	480
DC-input or AC-input:	AC-input
ENERGY STAR Partner:	EATON CORPORATION
Maximum Nameplate Output Current (A) AC-Input:	125.0
Maximum Measured Luminance of the High Res Display (candelas per m2):	220.0
Output Cord Length (ft.):	24
Number of Outputs:	1
Output Cord Gauge (AWG):	2
Single Phase or Three Phase:	Three Phase
Product Configuration:	All-in-One Product Configuration
Maximum Available Output Power:	50000.0
Maximum Output Power:	50.0
Automatic Brightness Control Capable?:	No
Connected Capable:	Yes
Connects Using:	Wired Ethernet
Network Connection Types Available:	Other LAN (Local Area Network),Cellular
Screen Area, if EVSE has high res display (in2):	20.52
Connector Type:	Tesla,Combined Charging System (CCS)
DR Protocol:	Open Charge Point Protocol (OCPP)
Network Security Standards:	NIST Cybersecurity Framework
Protocols Used to Support Smart Charging:	SAE J1772,ISO 15118-2 or later
Integral Battery Bank:	No
Product Features:	None
Idle Mode Input Power (watts) AC- Input:	713.7
No Vehicle Mode Input Power (watts) AC-Input:	34.14

No Vehicle Mode Power Factor AC-Input:	0.08
No Vehicle Mode Total Allowance (watts):	87.17
Partial On Mode Input Power (watts) AC-Input:	34.38
Partial On Mode Power Factor AC-Input:	0.08
Partial On Mode Total Allowance (watts):	87.17
Average Loading-Adjusted Efficiency (%) AC-Input:	0.94
Date Certified:	2024-11-01
Date Available On Market:	2024-11-19
Markets:	United States, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

Green Motion 50 kW DC EV Charger,GMDC50-CCS-CA,; Green Motion 50 kW DC EV Charger,GMDC50-NACS,; Green Motion 50 kW DC EV Charger,GMDC50-NACS-CA,

Captured On:
07/04/2025