



ENERGY STAR CERTIFIED

Electric Vehicle Chargers DC (Commercial)

ABB E-mobility B.V. - C50Sw NA yzz (w = 1, 2, 3; y = 1; z = C, N) : C50Sw NA yzz (w = 1, 2, 3; y = 1; z = C, N)

Specifications

Brand Name:	ABB E-mobility B.V.
Model Name:	C50Sw NA yzz (w = 1, 2, 3; y = 1; z = C, N)
Model Number:	C50Sw NA yzz (w = 1, 2, 3; y = 1; z = C, N)
ENERGY STAR Unique ID:	4513958
Type:	DC-output (AC-input)
Rated Input Voltage (V) AC-Input:	480.0
DC-input or AC-input:	AC-input
ENERGY STAR Partner:	ABB E-mobility B.V.
Maximum Nameplate Output Current (A) AC-Input:	150.0
Output Cord Length (ft.):	25
Number of Outputs:	2
Output Cord Gauge (AWG):	5AWG
Single Phase or Three Phase:	Three Phase
Product Configuration:	All-in-One Product Configuration
Maximum Available Output Power:	50.0
Maximum Output Power:	0.05
Automatic Brightness Control Capable?:	No
Connected Capable:	Yes
Connects Using:	HomePlug Green PHY
Network Connection Types Available:	Cellular
Screen Area, if EVSE has high res display (in²):	198.77
Connector Type:	Tesla,Combined Charging System (CCS)
DR Protocol:	Open Charge Point Protocol (OCPP)
Is Broadband Internet Connection Needed for Demand Response?:	Yes
Network Security Standards:	None
Protocols Used to Support Smart Charging:	ISO 15118-2 or later
Integral Battery Bank:	No
Product Features:	Grid to Vehicle only
Auxiliary Product Features:	High Resolution Display,Credit Card Reader,Radio Frequency Identification (RFID)
No Vehicle Mode Total Allowance (watts):	89.46

Partial On Mode Total Allowance (watts):	87.07
Average Loading-Adjusted Efficiency (%) AC-Input:	0.96
Date Certified:	2025-10-30
Date Available On Market:	2025-11-15
Markets:	United States, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

C50S1 NA 1CC,C50S1 NA 1CC; C50S1 NA 1CN,C50S1 NA 1CN; C50S1 NA 1NC,C50S1 NA 1NC; C50S1 NA 1NN,C50S1 NA 1NN; C50S2 NA 1CC,C50S2 NA 1CC; C50S2 NA 1CN,C50S2 NA 1CN; C50S2 NA 1NC,C50S2 NA 1NC; C50S2 NA 1NN,C50S2 NA 1NN; C50S3 NA 1CC,C50S3 NA 1CC; C50S3 NA 1CN,C50S3 NA 1CN; C50S3 NA 1NC,C50S3 NA 1NC; C50S3 NA 1NN,C50S3 NA 1NN

Captured On:
05/15/2026