



ENERGY STAR CERTIFIED

Electric Vehicle Chargers (AC-Output)

SemaConnect - SemaConnect : 780

Specifications

Brand Name:	SemaConnect
Model Name:	SemaConnect
Model Number:	780
ENERGY STAR Unique ID:	2384020
ENERGY STAR Partner:	SemaConnect, Inc.
Product Type:	Level 2
Input Voltage (V):	240.0
Max Nameplate Output Current (A):	80
Maximum Output Power (kW):	19.2
Number of Outputs:	2
Maximum Output Cord Length (ft.):	18
Output Cord Gauge (AWG):	6
Automatic Brightness Control (ABC) Capable?:	No
Connects Using:	Cellular
Network Connection Types Available:	Cellular
DR Protocol:	OpenADR
Is Broadband Internet Connection Needed for Demand Response?:	No
Protocols Used to Support Smart Charging:	SAE J1772
15 A Operation Mode Test: Total Loss (watts):	18.55
30 A Operation Mode Test: Total Loss (watts):	45.68
4 A Operation Mode Test: Total Loss (watts):	9.27
Full Current Operation Mode Test: Total Loss (watts):	221.38
Idle Mode Input Power (watts):	6.5
Idle Mode Power Factor:	0.4
Idle Mode Total Allowance (watts):	35.6
No Vehicle Mode Input Power (watts):	3.46
No Vehicle Mode Power Factor:	0.29
No Vehicle Mode Total Allowance (watts):	3.6
Partial On Mode Input Power (watts):	3.52
Partial On Mode Power Factor:	0.29
Partial On Mode Total Allowance (watts):	3.6
Date Certified:	2021-08-30

Date Available on Market:	2021-08-30
Markets:	United States, Canada
ENERGY STAR Certified:	Yes

Captured On:
05/22/2025