



ENERGY STAR CERTIFIED

# Electric Vehicle Chargers

## FLO - FLO CoRe+ : CoRe+

### Specifications

<b>Brand Name:</b>	FLO
<b>Model Name:</b>	FLO CoRe+
<b>Model Number:</b>	CoRe+
<b>ENERGY STAR Partner:</b>	AddÉnergie Technologies Inc.
<b>Product Type:</b>	Level 2
<b>Max Nameplate Output Current (A):</b>	30
<b>Input Voltage (V):</b>	240
<b>Number of Outputs:</b>	1
<b>Maximum Output Cord Length (ft.):</b>	25
<b>Output Cord Gauge (AWG):</b>	10
<b>Automatic Brightness Control (ABC) Capable?:</b>	No
<b>Connected Functionality Capable?:</b>	Yes
<b>Connected Functionality Capabilities Summary:</b>	<p>FLO's CoRe+ Electric Vehicle Charging Station supports several power management capabilities. PowerSharing™ (U.S. Patented No. 9,927,778) technology is NRTL Certified and, through a process that controls the output power of each CoRe+, allows the stations to share the remaining incremental capacity of existing electrical infrastructure between multiple EV chargers. PowerLimiting™ (U.S. Patented No. 10,197,976) is a technology that controls the output power of each CoRe+ charging station to contain the demand charge of EV charging infrastructure within a predefined set of restrictions. The output power of the FLO CoRe+ can also be modified through a REST-based web services API; this allows the station to receive Demand Response Signals from grid-based load management systems and building management systems.</p>
<b>Network Protocol with Wake Capability:</b>	Other LAN (Local Area Network)
<b>No Vehicle Mode Input Power (W):</b>	3.41
<b>No Vehicle Mode Total Allowance (W):</b>	3.6
<b>No Vehicle Mode Power Factor:</b>	0.29
<b>Partial On Mode Input Power (W):</b>	3.49
<b>Partial On Mode Requirement (W):</b>	3.6
<b>Partial On Mode Power Factor:</b>	0.3
<b>Idle Mode Input Power (W):</b>	4.81
<b>Idle Mode Requirement (W):</b>	15.6
<b>Idle Mode Power Factor:</b>	0.32
<b>Full Current Operation Mode Test: Total Loss (W):</b>	87.06

<b>30 A Operation Mode Test: Total Loss (W):</b>	87.06
<b>15 A Operation Mode Test: Total Loss (W):</b>	25.93
<b>4 A Operation Mode Test: Total Loss (W):</b>	6.62
<b>Date Available on Market:</b>	2019-12-10
<b>Date Qualified:</b>	2019-12-10
<b>Markets:</b>	United States, Canada
<b>ENERGY STAR Certified:</b>	Yes

## Additional Model Information

,CoRe+ PS,

**Captured On:**  
04/02/2021