



ENERGY STAR CERTIFIED

# Electric Vehicle Chargers (AC-Output)

## Enphase - HCS-D50 : HCS-D50

### Specifications

<b>Brand Name:</b>	Enphase
<b>Model Name:</b>	HCS-D50
<b>Model Number:</b>	HCS-D50
<b>ENERGY STAR Unique ID:</b>	2344527
<b>ENERGY STAR Partner:</b>	Enphase Energy, Inc.
<b>Product Type:</b>	Level 2
<b>Input Voltage (V):</b>	240.0
<b>Max Nameplate Output Current (A):</b>	40
<b>Maximum Output Power (kW):</b>	9.6
<b>Number of Outputs:</b>	2
<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 Capable:</b>	No
<b>Network Connection Types Available:</b>	None
<b>15 A Operation Mode Test: Total Loss (watts):</b>	26.56
<b>30 A Operation Mode Test: Total Loss (watts):</b>	89.0
<b>4 A Operation Mode Test: Total Loss (watts):</b>	7.76
<b>Full Current Operation Mode Test: Total Loss (watts):</b>	154.55
<b>Idle Mode Input Power (watts):</b>	4.41
<b>Idle Mode Power Factor:</b>	0.59
<b>Idle Mode Total Allowance (watts):</b>	18.6
<b>No Vehicle Mode Input Power (watts):</b>	2.0
<b>No Vehicle Mode Power Factor:</b>	0.53
<b>No Vehicle Mode Total Allowance (watts):</b>	2.6
<b>Partial On Mode Input Power (watts):</b>	2.05
<b>Partial On Mode Power Factor:</b>	0.53
<b>Partial On Mode Total Allowance (watts):</b>	2.6
<b>Date Certified:</b>	2023-04-27
<b>Date Available on Market:</b>	2023-04-27
<b>Markets:</b>	United States, Canada
<b>ENERGY STAR Certified:</b>	Yes

## Additional Model Information

,AZF-10,, ,AZF-10-G2,, ,AZF-10-LC,, ,AZF-10P,, ,AZF-10P-G2,, ,AZF-10P-LC,, ,AZF-15,, ,AZF-20,, ,AZF-25,, ,AZF-30,, ,AZF-40,, ,AZF-50,, ,HCS-D15,, ,HCS-D15PR,, ,HCS-D15PR-G2,, ,HCS-D15PR-LC,, ,HCS-D20,, ,HCS-D20PR,, ,HCS-D20PR-G2,, ,HCS-D20PR-LC,, ,HCS-D25,, ,HCS-D25PR,, ,HCS-D25PR-G2,, ,HCS-D25PR-LC,, ,HCS-D30,, ,HCS-D30PR,, ,HCS-D30PR-G2,, ,HCS-D30PR-LC,, ,HCS-D40,, ,HCS-D40PR,, ,HCS-D40PR-G2,, ,HCS-D40PR-LC,, ,HCS-D50PR,, ,HCS-D50PR-G2,, ,HCS-D50PR-LC,, ,HCS-S15,, ,HCS-S15PR,, ,HCS-S15PR-G2,, ,HCS-S15PR-LC,, ,HCS-S20,, ,HCS-S20PR,, ,HCS-S20PR-G2,, ,HCS-S20PR-LC,, ,HCS-S25,, ,HCS-S25PR,, ,HCS-S25PR-G2,, ,HCS-S25PR-LC,, ,HCS-S30,, ,HCS-S30PR,, ,HCS-S30PR-G2,, ,HCS-S30PR-LC,, ,HCS-S40,, ,HCS-S40PR,, ,HCS-S40PR-G2,, ,HCS-S40PR-LC,, ,HCS-S50,, ,HCS-S50PR,, ,HCS-S50PR-G2,, ,HCS-S50PR-LC,, ,AZF-15-G2,, ,AZF-15-LC,, ,AZF-15P,, ,AZF-15P-G2,, ,AZF-15P-LC,, ,AZF-20-G2,, ,AZF-20-LC,, ,AZF-20P,, ,AZF-20P-G2,, ,AZF-20P-LC,, ,AZF-25-G2,, ,AZF-25-LC,, ,AZF-25P,, ,AZF-25P-G2,, ,AZF-25P-LC,, ,AZF-30-G2,, ,AZF-30-LC,, ,AZF-30P,, ,AZF-30P-G2,, ,AZF-30P-LC,, ,AZF-40-G2,, ,AZF-40-LC,, ,AZF-40P,, ,AZF-40P-G2,, ,AZF-40P-LC,, ,AZF-50-G2,, ,AZF-50-LC,, ,AZF-50P,, ,AZF-50P-G2,, ,AZF-50P-LC,, ,HCS-D15-G2,, ,HCS-D15-LC,, ,HCS-D15P,, ,HCS-D15P-G2,, ,HCS-D15P-LC,, ,HCS-D15R,, ,HCS-D15R-G2,, ,HCS-D15R-LC,, ,HCS-D20-G2,, ,HCS-D20-LC,, ,HCS-D20P,, ,HCS-D20P-G2,, ,HCS-D20P-LC,, ,HCS-D20R,, ,HCS-D20R-G2,, ,HCS-D20R-LC,, ,HCS-D25-G2,, ,HCS-D25-LC,, ,HCS-D25P,, ,HCS-D25P-G2,, ,HCS-D25P-LC,, ,HCS-D25R,, ,HCS-D25R-G2,, ,HCS-D25R-LC,, ,HCS-D30-G2,, ,HCS-D30-LC,, ,HCS-D30P,, ,HCS-D30P-G2,, ,HCS-D30P-LC,, ,HCS-D30R,, ,HCS-D30R-G2,, ,HCS-D30R-LC,, ,HCS-D40-G2,, ,HCS-D40-LC,, ,HCS-D40P,, ,HCS-D40P-G2,, ,HCS-D40P-LC,, ,HCS-D40R,, ,HCS-D40R-G2,, ,HCS-D40R-LC,, ,HCS-D50-G2,, ,HCS-D50-LC,, ,HCS-D50P,, ,HCS-D50P-G2,, ,HCS-D50P-LC,, ,HCS-D50R,, ,HCS-D50R-G2,, ,HCS-D50R-LC,, ,HCS-S15-G2,, ,HCS-S15-LC,, ,HCS-S15P,, ,HCS-S15P-G2,, ,HCS-S15P-LC,, ,HCS-S15R,, ,HCS-S15R-G2,, ,HCS-S15R-LC,, ,HCS-S20-G2,, ,HCS-S20-LC,, ,HCS-S20P,, ,HCS-S20P-G2,, ,HCS-S20P-LC,, ,HCS-S20R,, ,HCS-S20R-G2,, ,HCS-S20R-LC,, ,HCS-S25-G2,, ,HCS-S25-LC,, ,HCS-S25P,, ,HCS-S25P-G2,, ,HCS-S25P-LC,, ,HCS-S25R,, ,HCS-S25R-G2,, ,HCS-S25R-LC,, ,HCS-S30-G2,, ,HCS-S30-LC,, ,HCS-S30P,, ,HCS-S30P-G2,, ,HCS-S30P-LC,, ,HCS-S30R,, ,HCS-S30R-G2,, ,HCS-S30R-LC,, ,HCS-S40-G2,, ,HCS-S40-LC,, ,HCS-S40P,, ,HCS-S40P-G2,, ,HCS-S40P-LC,, ,HCS-S40R,, ,HCS-S40R-G2,, ,HCS-S40R-LC,, ,HCS-S50-G2,, ,HCS-S50-LC,, ,HCS-S50P,, ,HCS-S50P-G2,, ,HCS-S50P-LC,, ,HCS-S50R,, ,HCS-S50R-G2,, ,HCS-S50R-LC,

**Captured On:**  
04/24/2025