



ENERGY STAR CERTIFIED

# Electric Vehicle Chargers (AC-Output)

## (ApexCharger) - Mach 1 HW48 : Mach 1 HW48

### Specifications

<b>Brand Name:</b>	(ApexCharger)
<b>Model Name:</b>	Mach 1 HW48
<b>Model Number:</b>	Mach 1 HW48
<b>ENERGY STAR Unique ID:</b>	3619508
<b>ENERGY STAR Partner:</b>	SAM Brands LLC
<b>Product Type:</b>	Level 2
<b>Input Voltage (V):</b>	240.0
<b>Max Nameplate Output Current (A):</b>	48
<b>Maximum Output Power (kW):</b>	11.52
<b>Number of Outputs:</b>	1
<b>Maximum Output Cord Length (ft.):</b>	15
<b>Output Cord Gauge (AWG):</b>	8
<b>Maximum (100%) Measured Luminance of the High Res Display (candelas per m2):</b>	204.8
<b>Automatic Brightness Control (ABC) Capable?:</b>	No
<b>Network Connection Types Available:</b>	Wi-Fi or Gigabit Ethernet
<b>Screen Area, if EVSE has high res display (in2):</b>	2.71
<b>Auxiliary Product Features:</b>	Radio Frequency Identification (RFID)
<b>15 A Operation Mode Test: Total Loss (watts):</b>	20.0
<b>30 A Operation Mode Test: Total Loss (watts):</b>	45.0
<b>4 A Operation Mode Test: Total Loss (watts):</b>	9.0
<b>Full Current Operation Mode Test: Total Loss (watts):</b>	107.0
<b>Idle Mode Input Power (watts):</b>	6.62
<b>Idle Mode Power Factor:</b>	0.3
<b>Idle Mode Total Allowance (watts):</b>	26.03
<b>No Vehicle Mode Input Power (watts):</b>	1.9
<b>No Vehicle Mode Power Factor:</b>	0.11
<b>No Vehicle Mode Total Allowance (watts):</b>	6.83
<b>Partial On Mode Input Power (watts):</b>	1.94
<b>Partial On Mode Power Factor:</b>	0.12
<b>Partial On Mode Total Allowance (watts):</b>	6.83
<b>Date Certified:</b>	2024-08-09
<b>Date Available on Market:</b>	2024-08-09

<b>Markets:</b>	United States, Canada
<b>ENERGY STAR Certified:</b>	Yes

**Captured On:**  
04/25/2025