



ENERGY STAR CERTIFIED

# Electric Vehicle Chargers (AC-Output)

## Tcharge - UAC 50 : UAC 50

### Specifications

Brand Name:	Tcharge
Model Name:	UAC 50
Model Number:	UAC 50
ENERGY STAR Unique ID:	3388087
ENERGY STAR Partner:	Hangzhou Tuchong Technologies Co.,Ltd.
Product Type:	Level 2
Input Voltage (V):	240.0
Max Nameplate Output Current (A):	50
Maximum Output Power (kW):	12.0
Number of Outputs:	1
Maximum Output Cord Length (ft.):	25
Output Cord Gauge (AWG):	6
Maximum (100%) Measured Luminance of the High Res Display (candelas per m2):	102.4
Automatic Brightness Control (ABC) Capable?:	No
Network Connection Types Available:	Wi-Fi or Gigabit Ethernet,Other LAN (Local Area Network)
Screen Area, if EVSE has high res display (in2):	20.9
15 A Operation Mode Test: Total Loss (watts):	12.32
30 A Operation Mode Test: Total Loss (watts):	31.73
4 A Operation Mode Test: Total Loss (watts):	6.49
Full Current Operation Mode Test: Total Loss (watts):	86.51
Idle Mode Input Power (watts):	5.87
Idle Mode Power Factor:	0.13
Idle Mode Total Allowance (watts):	28.63
No Vehicle Mode Input Power (watts):	5.49
No Vehicle Mode Power Factor:	0.13
No Vehicle Mode Total Allowance (watts):	8.63
Partial On Mode Input Power (watts):	5.69
Partial On Mode Power Factor:	0.13
Partial On Mode Total Allowance (watts):	8.63
Date Certified:	2024-02-01
Date Available on Market:	2024-02-01
Markets:	United States, Canada

ENERGY STAR Certified:	Yes
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**Captured On:**  
04/25/2025