

H48 Charging System

Product Data & Specifications



Atom H48 is designed for versatile home charging with flexible energy management capabilities, deployment options on variable charging currents between 16A and 48A, and numerous mounting options.

Power Range up to **11.5kW**



Variable charging currents between 16A and 48A



Ethernet and LTE connection communication options available



Smart energy management capabilities



SAE J1772 Plug - the most common charger connector



Multiple mounting options, indoor or outdoor



25' standard cable length

ATOM-H48

Product Specifications

Model Name	ATOM-H48
Rated Input Voltage	208-240 VAC, 60Hz
Input Current	48A
Max Charging Power	11.5kW
MOCF	60A
Input Wiring	3-wire: L1, L2, Ground (no neutral)
Field Connection	Hardwire
User Authentication	RFID ISO14443
Connectivity	LTE or Ethernet
Communication Protocol	OCPP 1.6j
Input Protection	UVP, OVP, RCP, SPD, Ground Fault Protection
Output Protection	OCP, OTP, Control Pilot Fault Protection
Output Interface	SAE J1772 AC Charging Connector
Storage Temperature	-40°F to 158°F
Operation Temperature	-22°F to 122°F
Relative Operation Humidity	95% RF Maximum
Relative Storage Humidity	95% RF Maximum
Cable Length	25ft
Protection Level	Type 3
Installation Type	Wall-Mount
IK Rating	IK08
Altitude	≤ 6561ft
Status Indication	Red, Green, Blue LED
Net Weight	15.7lbs
Gross Weight	18.1lbs
Product Dimensions	14.2" × 9.8" × 3.9"
Package Dimensions	19.6" × 13.7" × 9.3"

Contact Us

Atom Power, Inc.
13245 Reese Blvd. W.,
Suite 130
Huntersville, NC 28078

844.704.2866
info@atompower.com



atompower.com

Scan the QR code to visit the Atom Power website and see our full range of products.



Follow us on social media to get the latest product and support information.

We reserve the right to make technical changes or modify the contents of this document without prior notification. Atom Power does not accept any responsibility whatsoever for potential errors or possible lack of information in this document. We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in part – is forbidden without prior written consent of Atom Power.