

CONTACT CHARGING

Manual Charger-1200W

ATOMBOTIX



High Efficiency & Energy Saving



90% transmission efficiency cuts energy use, speeds up charging, boosts energy efficiency, and cuts costs.

Flexible Adaptation



Constant-current to constant-voltage charging management smartly suits diverse devices. It precisely handles low-battery quick charging and full-battery trickle charging for optimal results.

Safety & Reliable



The contactless charging mechanism eradicates the potential hazards of electric shock and current leakage, ensuring a secure and dependable charging experience.

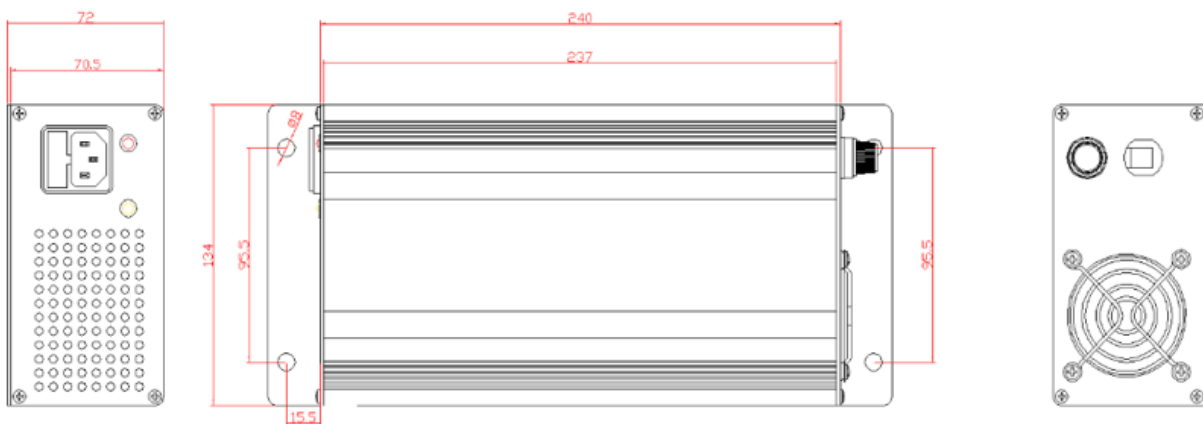
Robust & Durable



IP67-rated transmitter and receiver. The sealed design resists dust and water. Stable in any setting, from dusty outdoors to humid indoors, it offers lasting, reliable charging.

Model	AB- HD1200
Electrical Parameters	
Rated Input Voltage	100-240VAC
Rated Output Power	1200 W
Rated Output Current	20A
Output Voltage	54.6V 54.8V 58.4V 58.8V
Adjustable Current Range	0 - 20A
First Stage of Charging Constant Current	≤58.8V20A
Second Stage of Charging Constant Voltage	58.8V 20A
The Third Stage of Charging Transition Current	8A
Cut-off Current	3A
Charging Status Indicator	1 Power on LED1: Red LED2: Green

Charging Voltage Display	Support
Charging Current Display	Support
Communication Method	CAN
Input Cord Length AC	1.5 m
Output Cord Length DC	1.0m, other length customizable
Outside Casing Material	Aluminum
MTBF	15000h
Dimensions	303 (L)×158 (W)×90(H) mm
Net Weight	4.3 kg
IP Ratings	IP20
Protection	Short-circuit protection, overcurrent protection, overvoltage protection, reverse connection protection, and current backflow protection
Environmental Parameters	
Working Environment	Indoor
Working Temperature	-20°C - 70°C
Storage	Temperature -40°C - 70°C, Humidity 0 - 95%



Output Connector



DC Plug
5A



IEC C13 Plug
10A



XT 60
30A



Crocodile Clip



LCB High Current
30 ~ 100A



Anderson
30A ~ 50A



Aviation 3 Pin
5A



Canon Plug
10A



Copper Terminal



www.atombotix.com
contact@atombotix.com



ATOMBOTIX

Your One-Stop Robot Building Partner