HBE ENERGY

WALL-MOUNTED AC CHARGER

Powering Your Journey, at Home and Work.





SAE J1772 (Type 1)

Intertek

Key Features & Benefits

•Robust & Weather-Resistant： With an TYPE 4 protection rating, it is built to perform safely and reliably indoors or outdoors, in all weather conditions.

•Fully Connected： Supports optional LAN, Wi-Fi, Bluetooth, and 4G connectivity, compatible with OCPP/2.0.1 for smart energy management.

•Comprehensive Safety： Equipped with multiple layers of protection including leakage, over-voltage, and ground fault protection for complete peace of mind.



PRODUCT SPECIFICATIONS	
Parameter	Specification
ELECTRICAL SPECIFICATION - AC OUTPUT	
Number of Ports	One
Current	48A max
Power	11.5kW max
Energy Metering Accuracy	±1%
Charging Connector	Type1 or NACS
ELECTRICAL SPECIFICATION – AC INPUT	
Input Connector	NEMA14-50，THW-N cable，PVC cable
Voltage	208/240 VAC
Power Connection	L1, L2/N, GND
SAFETY SPECIFICATION	
Ground Fault Circuit Interrupt	CCID 20
Surge Protection	6KV@3,000A
Safety Features	Over-voltage & Under-voltage Protection；Over-current Protection；Ground Fault Protection； Zero-crossing detection；Power-down detection； Relay Overtemperature Protection & Charging Connector Overtemperature Protection
FUNCTIONAL SPECIFICATION	
Connectivity	Optional: LAN, Wi-Fi, Bluetooth, 4G
Remote Management	Remote Access, Diagnostics,(Over-the-Air OTA) Software Update Enabled
Load Management	Smart Charge，Scheduled Charging, Dynamic Load Balancing
USER INTERACTION SPECIFICATION	
Charging Status Indicator	• Standby: Solid Blue • Charging: Breathing Green • Fault: Flashing Red
Authentication	RFID Card (ISO14443 TypeA、MIFARE®）,Mobile App，Auto-start Charging on Connection
ENVIRONMENTAL SPECIFICATION	
Enclosure Rating	NEMA Type 4
Operating Humidity	≤ 95% (Non-condensing)
Operating Temperature	-40°F to 122 °F
Storage Temperature	-40 °F to 158 °F
Operating Altitude	≤ 6560 ft
Usage Environment	Outdoor / Indoor
MECHANICAL SPECIFICATION	
Product Dimensions (H x W x D)	8.27 in × 8.27 in × 3.35 in （210mm*210mm*85mm）
Package Dimensions (H x W x	15.35 in × 12.99 in × 12.99 in（390 mm × 330 mm × 330 mm）
Approximate Weight	13.23 （with 18 ft cable）、14.33 (with 25 ft cable)
Mounting Option	Wall-Mount / Floor-Stand (Optional)
Cable Length	18 ft (Standard), Up to 25 ft (Customizable)
REGULATION	
Safety	UL 2202: 2022 Ed.3 Clause; CSA C22.2 No. 346: 2022 Ed.1; UL 2231-2: 2012 Ed.2 (Reconfirmed: 15 Dec 2020) Clause; UL 1998: 2013 Ed.3 (Reconfirmed: 24 Sep 2018) Clause; UL 991: 2004 Ed.3 (Reconfirmed: 09 Jun 2010) Clause; UL 50E: 2020 Ed.3 Clause
EMI	FCC Part 15B; FCC Part 15.225; ICES-003; RSS-210
Energy Efficiency	ENERGY STAR Program Requirements for Electric Vehicle Supply Equipment (EVSE) Versions 1.0, 1.1, and 1.2
Accessibility	ADA Compliance