

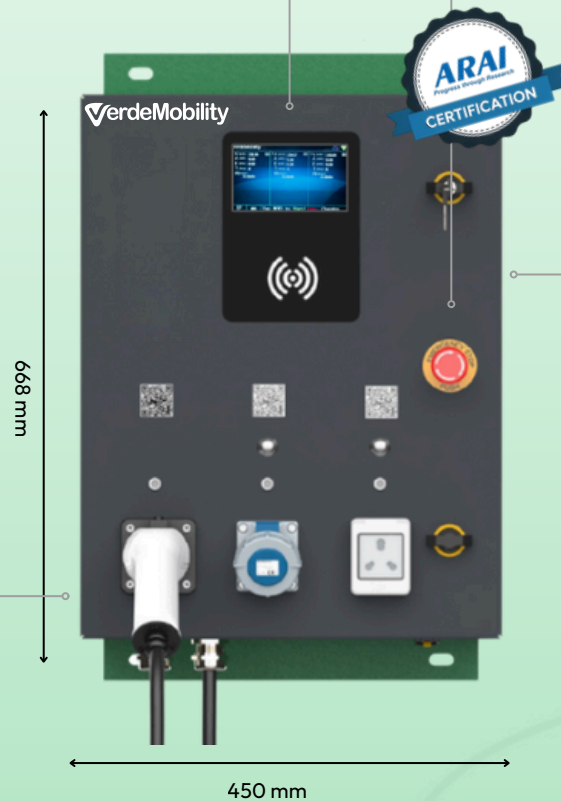
14 kW AC Hybrid Charger

Load Management

- Built-in energy meter
- Set up for external energy meter integration or dynamic load management
- Ready for integration with advanced smart building energy systems

Built-in Safety

- Overcurrent
- Overvoltage and Undervoltage
- Ground Fault Detection
- Surge Protection
- Emergency Stop Machine



Connector Types

- Type 2 AC Cables & Plug
- IEC60309 Socket, 16A Socket

Connectivity

- Wi-Fi, GSM (optional) and Ethernet (optional)
- OCPP 2.1J Compliant
- Authentication via App or RFID
- Configuration via the App or web portal

Input Power

Input Voltage (AC)	415 VAC (±10%) 3-phase 50 Hz
Wires	Three-Phase (L1, L2, L3, N E)

Output Power

Output Connector	Type 2 AC (IEC 62196-2), Bharat AC (IEC-60309)
No. of Outputs	1, 2
Output Current	32 A Max Per Output, 16 A Max Per Output
Output Rating	240 VAC

Environment

Operating Temperature	-20° C to 60° C
Storage Temperature	-30° C to 80° C
Altitude	< 2000 Mt
Humidity	5% to 95% relative humidity, non condensing

User Interface and Control

Display	4.3" Graphic Display
Language	English
Emergency Stop	Mushroom Type
User Authentication	App / QR Code / RFID / Password
Visual Indication	RGB LEDs for individual connectors
RFID Specifications	RC522, ISO/IEC 14443A/MIFARE

Protection

Protection	Over-Current, Under-Voltage, Over-Voltage, Residual Current, Surge, Short Circuit, Ground Fault, Emergency Shutdown with Alarm, Over-Temperature, Protection Against Electric Shock
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Communication

Network Connection	GSM/3G/4G; 10/100 Base-T Ethernet; Wi-fi, Bluetooth
Communication Protocol	OCPP 2.1J
Vehicle	IEC61851, ISO15118 (EIM & PNC), DIN70121

Mechanical

IP Rating	IP55
Shell Material	CRCA Sheet
Cooling	Naturally Cooled
Product Dimension (L*W*H)	450 mm * 168 mm * 668 mm
Certification	ARAI Certified
Product Weight	27 kg

Product Packaging Weight

Wooden Box	Additional 6-7kg
Corrugated Box	Additional 2-3 kg

			
Design	1 x 7.4kW Type 2 AC 2x 3.3kW IEC60309, 16A Socket Output Provision	1 x 7.4kW Type 2 AC 2x 3.3kW IEC60309, Socket Output Provision	1 x 7.4kW Type 2 AC 2x 3.3kW 16A Socket Output
Ordering Code	PIIHAC2300110	PIIHAC2300110-2	PIIHAC2300110-4
ARAI Status	ARAI Certified	ARAI considered as per FAC0001	ARAI considered as per FAC0001