

15 kW – 44 kW AC Chargers

Connectivity

- Wi-Fi, GSM & Ethernet
- OCPP 2.1J Compliant
- Authentication via App or RFID
- Configuration via the App or web portal

Load Management

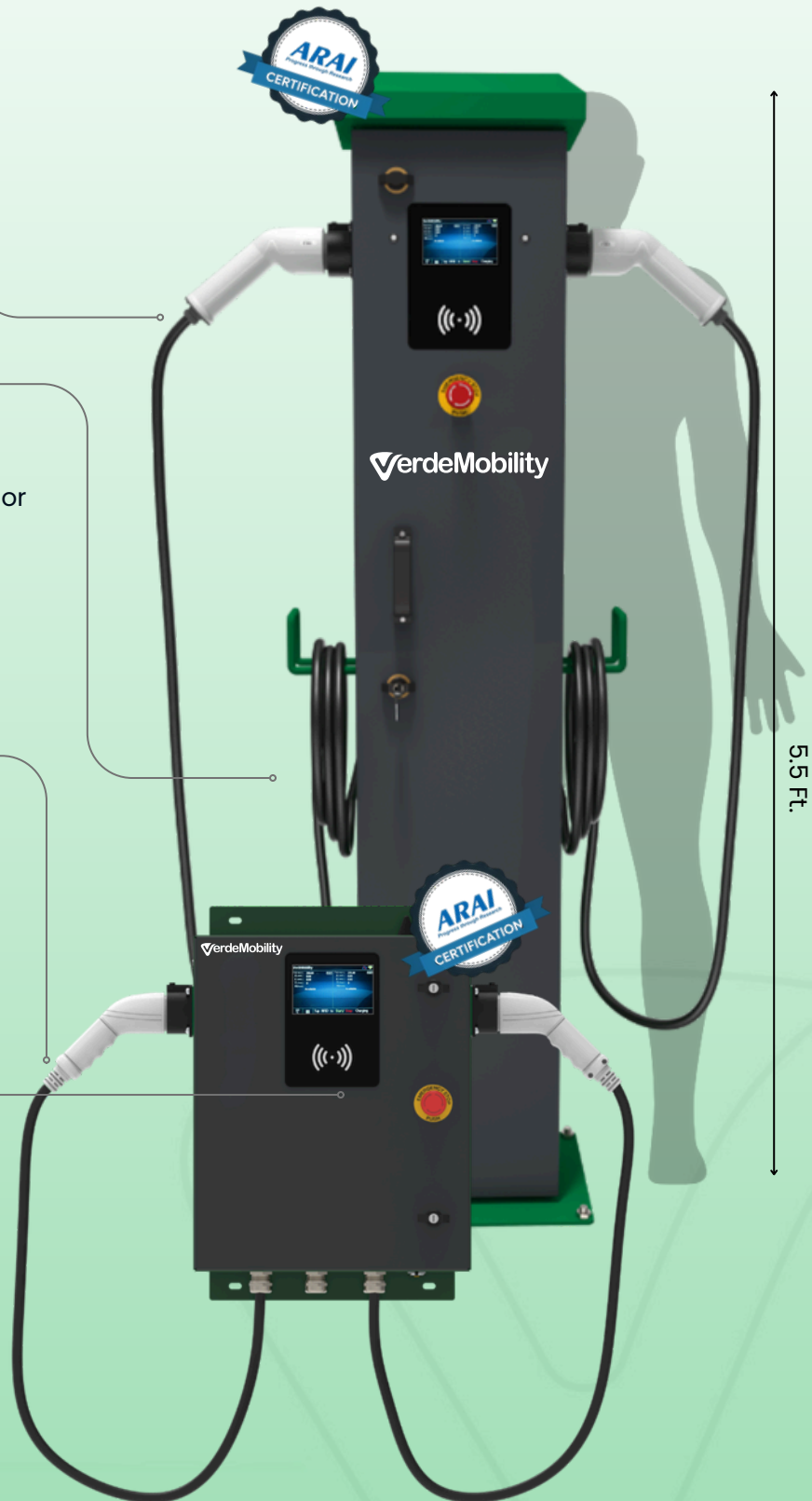
- Built-in Energy Meter
- Set up for External Energy Meter Integration or Dynamic Load Management
- Ready for Integration with Advanced Smart Building Energy Systems

Variants

- Three phase up to 22kW (Wall Mount)
- Three phase up to 44 kW (Pillar type)
- 2 x Type 2 AC (IEC 62196-2)

Built-in Safety

- Over-Current
- Over-Voltage & Under-Voltage
- Ground Fault Detection
- Surge Protection
- Emergency Shutdown with Alarm



Input Supply

Input Voltage	415 VAC ($\pm 10\%$), 3-phase, 50 Hz
---------------	--

Output Power

Output Power	Up to 44 kW
Output Voltage	32 A Max. Per Phase (11/22 kW) & 48 A Max. Per Phase (44 kW)
Output Rating	240 VAC
No. of Output	2

Environment

Ambient Temperature	0°C to + 55°C
Storage Temperature	-20°C to + 60°C
Altitude	< 2000 m
Humidity	5% to 95%, non-condensing

User Interface & Control

Display	20 x 4 Character LCD
Emergency Stop	Mushroom Type
User Authentication	App / QR / RFID / Password
Visual Indication	RGB LEDs
RFID Specs	RC 522, ISO/IEC 14443A, MIFARE

Protection

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

Communication

Network Connection	GSM / 3G / 4G, 10/100 Base-T Ethernet, Wi-Fi, Bluetooth
Communication Protocol	OCPP 2.1J
Vehicle	IEC 61851, ISO 15118 (EIM & PNC), DIN 70121

Mechanical

IP Rating	IP55
Shell Material	CRCA Sheet
Cooling	Naturally Cooled
Dimensions (L * W * H)	405 * 320 * 191 mm (Wall Mount) 520 * 265 * 1667 mm (Pedestal)
Product Weight	16.3 kg (Wall Mount) 45 kg (Pillar Type)

Product Packaging Weight

Corrugated Box	Additional 2-3 kg
Wooden Box	Additional 6-7 kg
Wooden Box	Additional 30 kg (Pedestal)

Ordering Code	Wall Mount	Pedestal
15 kW	PIIT2A1101100	PIIT2A1100111
22 kW	PIIT2A1301100	PIIT2A1301101
44 kW	PIIT2A1201100	PIIT2A1201101

Certifications

Certification	ARAI Certified - 15 kW (Wall Mount & Pedestal) ARAI in Progress - 22 kW, 44 kW (Wall Mount & Pedestal)
---------------	---