

10 kW AC Bharat 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

- IEC 60309 socket, 16 A 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 ($\pm 10\%$) 3-phase 50 Hz
Wires	Three-Phase (L1, L2, L3, N E)

Output Power

Output Connector	Bharat AC (IEC-60309), 3-Pin Socket
No. of Outputs	1, 2, 3
Output Current	16 A Max Per Output
Output Rating	240 VAC

Environment

Ambient Temperature	0° C to 55° C
Storage Temperature	-20° C to 60° C
Altitude	< 2000 Mt
Humidity	5% to 95%, 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
RFID Specifications	RC 522, 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

Connectivity and CMS	OCP 2.1 over 10/100 Base-T Ethernet (Standard), GSM Modem (4G) and Wi-Fi
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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	3 x 16 A Socket Output Provision	3 x 3.3kW IEC60309	2 x 3.3kW IEC60309 1 x 16A Socket Output Provision	1 x 3.3kW IEC60309 2 x 16A Socket Output Provision
Ordering Code	PIIBAC2000110	PIIBAC2000110-2	PIIBAC2000110-6	PIIBAC2000110-4
ARAI Status	ARAI considered as per FAC0001	ARAI Certified	ARAI considered as per FAC0001	ARAI considered as per FAC0001