

BHARAT AC001

3.3kW & 9.9kW

Input Voltage (VAC)

1-Ph 230V or 3-Ph 400V (+/- 10%)

Output Voltage (V)

1-Ph 230V (+/- 10%)

Max. Output Power Rating (kW)

3.3kW & 9.9kW AC

Display

4.3" TFT Color Touch Screen

User Authentication

RFID / Mobile App based

Charger and Vehicle Communication

Not Applicable

Charger Interface

LAN / 4G / WiFi

Place of Installation

Indoor / Outdoor

Ingress Protection

IP54



Applications



HIGHWAY



PARKING



SERVICE
STATION



COMMERCIAL



FLEET



RESIDENTIAL



HOTEL

BHARAT

AC001 3.3kW & 9.9kW

Input Voltage (VAC)	1-Ph 230V (+/- 10%) as per IS12360 3-Ph 400V (+/- 10%) as per IS12360	
Efficiency (%)	>99.9%	
Input Frequency (Hz)	50 Hz (+/-1.5 Hz)	
Wires	3 (L,N,PE)	5 Wire (L1,L2,L3,N,PE)
Standby Power	15W	
Number of Outputs	1	3
Output Connector type	IEC 60309	
Output Voltage (V)	1-Ph 230V AC	3-Ph 400V AC
Max. Output Current (AC)	Max. 15A AC	
Max. Output Power Rating (kW)	3.3kW	9.9kW
Display	4.3" TFT Color Touch Screen	
Electrica metering	To comply with IEC 62052-11 & IEC 62053-21	
Emergency Push Button	Provided	
User Authentication	RFID / Mobile App Authorization	
Visual Status Indication	LCD and LED for Mains available, Charging status, System error	
Charging Mode	-	
Charger and Vehicle Communication	-	
Charger and CMS communication	Open Charge Point Protocol 1.6J	
Compliance	Committee report of MoP & DHI	
Charger Interface	LAN / 4G / WiFi	
Remote Firmware Update	FOTA	
Protections	Input Over Voltage, Input Under Voltage, Input Short Circuit, Input over Current, Connection Abnormality, Emergency Stop, Surge Protection upto 4KV, Residual Leakage Current, Ground Fault, Earth Presence Monitoring, Output over Current.	
Ambient Temperature	-20° to +55° C (derating from +55°C to +65°C)	
Relative Humidity	<95%, non-condensing	
Altitude	<2000 meter	
Place of Installation	Indoor / Outdoor	
Ingress Protection	IP54	
Enclosure Protection	IK10	
Cooling	Natural Air Convection	
Charging wire length	NA	
Payment systems	Billing & transaction with various modes of payment	
Battery back-Up	15 minutes (Optional)	
Optional Accessories	Mounting Pole	
Installation Type	Floor / Wall	
Application	2W, 3W, 4W	
Memory Storage	To store 50 event logs. To store last 50 charging session information	
Max. dimension (W X D X H) mm	330 X 230 X 1400	
Max. Weight (KGs)	7 Kg	10 Kg

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Product improvement is a continuous process at 'LUBI'. The data given in this publication is therefore subject to revision.