



Bharat DC001

**EV
CHARGERS**



BHARAT Charger DC 001

15 kW GB/T 20234.3



Applications :



HIGHWAY



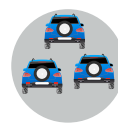
PARKING



SERVICE
STATION



COMMERCIAL



FLEET



RESIDENTIAL



HOTEL

FEATURES :

- Unit type DC intelligent charger
- BHARAT DC 001 Indian Standard : GB/T 20234.3
- Modular design, Flexible configuration and easy maintenance.
- Built-in RFID and communications (3G/LAN/Wifi)
- High degree of protection and wide voltage output Support
- Swiping card/Scan QR code to pay/ OTP

Technical Specifications :

MODEL NO / INPUT		LEVDC001-15K / 15kW
Input Voltage (AC)		3 Phase 415V (375-440 Vac)
Power Factor		≥ 0.98
Efficiency		≥ 94%
Input Frequency		50 (+/- 1 Hz)
Wires		5 Wire L1,L2,L3, N, PE
OUTPUT		
Number Of Outputs		1 No
DC Output (Gun-1)		
DC Output Connector		GB/T 20234.3
DC Output Voltage		100-500 V
DC Output Current		200 A Max
DC Output Power Rating		15 kW @ 48/60/72 V
USER INTERFACE AND CONTROL		
Display		7" TFT Color touch screen
User Authentication		OTP/RFID card
Buttons & Switch		English
Push Buttons		Display wake up, Emergency Stop
Visual Indication		Mains available, Charging Status, System Error
ENVIRONMENT		
Ambient Temperature		0°C to 55°C (Derating over 50°C)
Storage Temperature		0°C to 70°C
Altitude		≤ 2000 m (Derating over 2000 m)
Humidity		<95%, Non-condensing
Sound noise		< 55 dB in all directions
COMMUNICATION		
Charger and Vehicle		CAN
Charger And CMS		Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : LAN/ 3G/4G
PROTECTION		
Protection		Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Ground fault, Short Circuit, Over Current, Over Temperature, Reverse Battery Connection
Charging Protocol		OCPP 1.6
MECHANICAL		
Place of Installation		Indoor/Outdoor
Ingress Protection		IP 54
Enclosure Protection		Vandal Proof Metal Enclosure
Cooling		Natural Convection Air Cooled
Charging Wire Length		5 mtr
Dimension (WxDxH)		800 mm x 1050 mm x 1750 mm
Weight		180 kg

Bharat Charger DC001 - 30 kW 2 X 15 kW GB/T 20234.3



Applications :



HIGHWAY



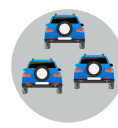
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Technical Specifications :

MODEL NO / INPUT		LEVDC001-30K / 30kW
Input Voltage (AC)		3 Phase 415V (375-440 Vac)
Power Factor		≥ 0.98
Efficiency		≥ 95%
Input Frequency		50 (+/- 1 Hz)
Wires		5 Wire L1,L2,L3, N, PE
OUTPUT		
Number Of Outputs		2 No
DC Output (Gun-1)		
DC Output Connector		GB/T 20234.3
DC Output Voltage		100-500 V
DC Output Current		200 A Max Per Gun
DC Output Power Rating		15 kW @ 48/60/72 V Per Gun
USER INTERFACE AND CONTROL		
Display		7" TFT Color touch screen
User Authentication		OTP/RFID card
Buttons & Switch		English
Push Buttons		Display wake up, Emergency Stop
Visual Indication		Mains available, Charging Status, System Error
ENVIRONMENT		
Ambient Temperature		-20°C to 55°C (Derating over 50°C)
Storage Temperature		-20°C to 70°C
Altitude		≤ 2000 m (Derating over 2000 m)
Humidity		<95%, Non-condensing
Sound noise		< 55 dB in all directions
COMMUNICATION		
Charger and Vehicle		CAN
Charger And CMS		Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : LAN/ 3G/4G
PROTECTION		
Protection		Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Ground fault, Short Circuit, Over Current, Over Temperature, Reverse Battery Connection
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Dimension (WxDxH)		800 mm x 1050 mm x 1750 mm
Weight		200 kg

All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement

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