



BHARAT DC001

DC Fast **EV**
CHARGERS



BHARAT DC001 Charger 20 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	LEVDC001-20K / 20kW
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	20-100 V
DC Output Current	200 A Max
DC Output Power Rating	20 kW @ 48-100 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 DC001 Charger 40 kW - 2 X 20 kW GB/T 20234.3



Applications :



HIGHWAY



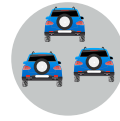
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Technical Specifications :

MODEL NO / INPUT	LEVBC001-40K / 40kW
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	20-100 V
DC Output Current	200 A Max Per Gun
DC Output Power Rating	20 kW @ 48-100 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
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	200 kg

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

LUBI EV SOLUTIONS

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