20KW
DC 001 CHARGER

Features

Could be charged up to 80% within 1 hour

GB/T Standrad

PF>0.99 (APFC)

Efficiency>95% at nominal output power

OCPP1.6 JSON

Intelligent RFID card reader

7" touch screen and friendly HMI interface could support

English, Hindi Language Support

Ethernet/4G/3G)

IK10, IP55

Customization available

Easy installation and maintenance

Applications

- Highway gas / service station
- Commercial operators
- EV dealer workshops
- Parking garage
- EV infrastructure operators and service providers

Electric Features

CATEGORY		INV 002 SERIES (BHARAT DC-001)
Rating		20KW
AC Input	AC Input Connection	400VAC±15% 3P + N + PE
	Max. Input Current (A)	36
	Frequency (Hz)	45~65
	Power Factor	≥0.99
	Efficiency(%)	≥95
DC Output	Output Voltage Range	0-100V
	Max. Output Current	200
	Max. Output Power(kW)	20kW
	Voltage Accuracy(%)	± 1
	Current Accuracy(%)	± 1
User Interface & Control	Display	7 inch touch screen
	Push Buttons	Emergency Stop
	Display Information	Charging process and status / Alarm and warning messages
	Internal	CANbus / RS485
Environmental	Operating Temperature (°C)	–30-50, power derating from 50 and above
	Humidity (%)	5~95RH, non-condensing
	Altitude (m)	<2500m
	IP Level	IP55
	Cooling method	Fan cooling
Mechanical	Dimension(WxDxH mm)	950*1150*1900
	Weight(kg)	230
	Cable Length(m)	5 (GB/T)
Protection	Input Protection	OVP, OCP, OPP, OTP, UVP, Residual current detection, Surge protection, Cabinet-open detection (rear door)
	Output Protection	SCP, OCP, OVP, LVP, OTP, Residual current detection
Regulation	Certificate	ARAI
	Charging Interface	GB/T Interface