



CCS-2CHADEMO Charging Station

Model Number: NXPEM-IN0210

Nexus Corporation

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DESCRIPTION

DC chargers come with industry standard fast charging technology to support next generation EV. These are easily configurable with multi – protocol design to support CCS-2/ CHAdeMO for fast charging. The seamless integration with various payment and billing platforms enable easy and secure payments via smart phone or RFID card. The DC charger boosts the EV battery from 20%-80% in around 60-80 minutes based on battery pack size.

APPLICATION

- Commercial
- Residential
- Parking
- Fleet
- Highways

FEATURES AND BENEFITS

- Fast charging
- Smart charging solution- Takes care of grid load & varying charging demand.
- Supports in CCS-2/ CHAdeMO compatible 4 wheeler.
- Simultaneous charging of 1/2 vehicles at a time.
- User Friendly LCD display for customer interface.
- Wireless connectivity and integration with CMS.
- Easy to install, operate and service.
- Robust IP 54 ingress protection.
- Billing facility with Nexus app facility.
- Emergency start-stop button.

TECHNICAL SPECIFICATIONS

Model	NXPEM-IN0210
General Data	
Rated Power	50/60 kW 100/120 kW
Input voltage	415 Vac (±10%), 50 Hz Three phase
Number of output	1/2
Output current range	96A / 200A
Output Charging Outlet	CCS-2 or CHAdeMO
Output voltage	150-500 Vdc (CHAdeMO) 150-750 Vdc (CCS-2)
Power Factor	≥ 0.99 (@ Full load)
THD	≤ 5% (@ Nominal voltage)
Efficiency	≥ 94%

TECHNICAL SPECIFICATIONS

Model	NXPEM-IN0210
User Interface and control	
Display	7 TFT LCD with touch
Push Button	Emergency Stop
User Authorization	RFID/OTP/OCPP
Environment	
Ambient Temperature	-30°C to 55°C
Storage Temperature	-40°C to 70°C
Altitude	<2000Mtr
Humidity	<95%, Non condensing
Communication	
External	WiFi, BT, LAN (optional), 4G (optional)
Internal	OCPP 1.6 v upgradable 2.1 Protocol
Metering and Billing	Grid Responsive metering and smart card, QR code scan/OTP/RFID card/APP Server Based Online Payment
Charging Operation	Swipe Card/ Scan Code/ APP based authentication
Protection	
Input/Output protection	Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection Grounding protection, Surge protection, Over/Under temperature protection
Protection level	IP54
Cooling	Forced Air cooling
Regulation	
As per	IEC 61851-1:2017 ,IEC 61851-21-2
Safety	CE
Dimensions	1600mm*500mm*350mm (H×W×D)
Mounting	Wall/Floor mounted