Electric Vehicle Charging Station

NFC50F

Introduction

Electro mobility will play a huge role in the future of the transportation industry, in moving people, and in new business ideas. Electric Vehicle Charging Station (EVCS) is an element in an infrastructure that supplies electric energy for the recharging of electric vehicles, such as plug-in electric vehicles, including electric cars, neighborhood electric vehicles and plug-in hybrids. In Iran this futuristic innovation is backed by high power charging technologies from Nian Electronic Company.
With high power and variable voltage range and a good reliability they are fully appropriate to meet fast-charging challenges in any of todays and upcoming most important applications. Common rapid charging standards include the CHAdeMO. Nian EVCS use CHAdeMO Standard that can charge low-range (120 km, or 75 mi) electric cars in less than half an hour.

Features

- Outdoor installation with vandalism resistant enclosure
- Floor standing
- Warranty extension (on standard 24 months warranty)
- Monitoring and connectivity of your infrastructure
- Max. DC output power: 50 kw (on CHAdeMO)
- Maintenance contracts and assets management
- Spare parts offer for all Nian charging stations
- Installation, audit and commissioning by trained engineers or certified installers
- Training of your staff
- Supporting high capacity vehicles such as public transport bus & low capacity vehicles such as taxi cars
- Possibility to provide outputs under other protocols, including CCS, GB/T, SAE Combo

NFC50F

EV Charger Specification	
Input Voltage	AC, 3 Phase, 400 VAC ±10%, 50Hz
Max. Input Current & Power	80 A, 55 KVA (With Power Limiting Option)
Output Voltage	50 to 500 VDC
Max. Output Current	125 A
Max. Output Power	50 KW
Power Factor	>0.96 (Full Load)
Efficiency	>0.95 %
THD	<5%
Output Connector Type	CHAdeMO
Ingress Protection (IP)	55
Operating Temperature	-15 to 50 ºC
User Interface	Graphic LCD/LED
Network Interface	Ethernet
Dimensions (HxWxD)mm	1950 x 655 x 850 with Plinth 150 mm
Weight	130Kg (cabinet), 200Kg (Cabinet with Modules)
According to Standards	IEC61851-1:2010, IEC61851-23:2014 IEC61851-24:2014, IEC62196-3:2014
Optional Devices	
Anti-Vandal Key	Available
Wireless Communication	GSM / GPRS / 3G