

142 KW

DC FAST CHARGER

Features

- Could be charged up to 80% within 30 minutes
- Supporting CCS 2.0, CHAdeMo, Type II AC
- PF > 0.99 (APFC)
- Efficiency > 95% at nominal output power
- OCPP 1.6 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 passenger bus operators
- EV dealer workshops
- Parking garage
- EV infrastructure operators and service providers

Electric Features

CATEGORY		INV - ZONE COMBO
	Rating	142KW
AC Input	Input Rating	Three phase
	Input Voltage	400Vac \pm 15%
	AC Input Connection	3P + N + PE
	Max. Input Current (A)	252 A /Nominal 186A
	Frequency (Hz)	45~65
	Power Factor	>0.99 @ 50% or higher load
DC Output	Output Voltage Range	50~500Vdc (CHAdeMO) 150~750Vdc (CCS) 415V AC (TYPE II)
	Max. Output Current	125A(CHAdeMO)/200A(CCS)/32 A (TYPE II)
	Output Power Range(kW)	60 CCS+60 CHAdeMO+22 TYPE II
	Voltage Accuracy (%)	\pm 1
	Current Accuracy (%)	\pm 1
User Interface & Control	Display	7 inch touch screen
	Push Buttons	Emergency Stop
	User Authentication	RFID system
	Display Information	Charging process and status / Alarm and warning messages
Communication	External	Ethernet / 4G/3G
	Internal	CANbus / RS485
Environmental	Operating Temperature ($^{\circ}$ C)	-30 ~ +50, power derating from 50 and above
	Humidity (%)	5~95RH, non-condensing
	Altitude (m)	\leq 2500
	IP Level	IP55
	Cooling Method	Smart Fan cooling
	Weight(kg)	420 Kg
	Cable Length(m)	5
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	CHAdeMO +CCS+TYPE II