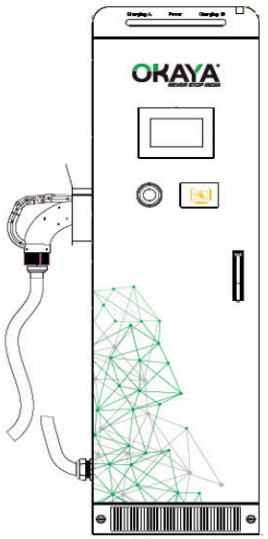
Single Gun Quick DC Charger



Single Gun Quick DC Charger is an all in one best charger. It can deploy charging network rapidly and effectively providing high-power quick charging service for electric vehicles. It has durable, robust, all weather enclosure for indoor and outdoor use and support CCS-2 or CHAdeMO Standard.

It is applicable for Highway, Public parking station, bus station and corporate parking places.

Features

Compact and contemporary design.

40kW/60kW/80kW continuous fast charging.

IP 54.

Easy to Install and use.

66A high output current.

Single outlet: CCS or CHAdeMO

Daylight readable 7” full color touchscreen display.

Compatible with Open Charge Point Protocol (OCPP).

APP Scan Code / RFID Card Charging.

Simple wall mounting.

EV Standard: IEC 62196, IEC 61851 for CCS-2 and JEVS G105 for CHAdeMO

Technical Specifications

Capacity		40kW	60 kW	80kW
Input Parameters	*Input Voltage (Vac)*	415 Vac +10% or -6%, 50 Hz		
	Input Frequency	50 Hz		
	THD	≤ 5% of Nominal Voltage		
	Power Factor	≥ 0.99 (Full load)		
	Wires	3 - Phase, 5 - Wire AC (L1, L2, L3, N and PE)		
Power Output	*Output Voltage - DC (Vdc)*	200 -1000 vdc	200 -1000 vdc	200 -1000 vdc
	Standard/Connector	CCS-2 / CHAdeMO		
	Number of Connector/Gun	1	1	1
	Efficiency	≥ 94 %	≥ 94 %	≥ 94 %
Protection and Safety	*Safety Parameters*	Over Voltage, Under Voltage, Over Current, Short Circuit, Surge Protection, Over Temperature, Ground Fault Protection, Residual Current, Emergency shutdown with alarm, Protection against electric shock		
User Interface and Control functions	*Display Screen*	4.3"/ 7" TFT LCD Touch Screen		
	Languages- Supported	English		
	Push Button	Emergency Stop (Mushroom Red)		
	Charging Option	Grid Responsive metering.		
	Visual Indication	Presence of Input Supply, Errors Indicator, State of Charge.		
	User Authentication	Using mobile application or User Interface (OCPP gives ony a field mandate, media to be used is open) / QR Code / RFID Card / Password Login		
	Payment	RFID Card Wallet or App Wallet / Service		
Communication	*Between EV Charger and EV*	IEC 62196, IEC 61851 for CCS-2 and JEVS G105 for CHAdeMO		
	Between EV and Central Server	OCPP v 1.6 or above - 10/100 Base-T Ethernet (Standard) or Optical GSM Modem (2G/3G/4G) or Wireless(Optional)		
Mechanical	*Protection*	IP 54		
	Cooling	Forced Air Cooling		
	Charging Cable Length	5 Meter		
	Operating Temperature	0° C to 55° C		
	Storage Temperature	0° C to 60° C		
	Humidity (Non-Condensing)	5% to 95%		