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Portable EV Charger - 3.5kW

Features

- Compact design
- 3.5kW slow charging available
- Robust, all weather enclosure for indoor and outdoor use: Ip54
- No Need to Install or fix at any location
- Daylight readable display screen for parameters only.
- Compatible with Type - 2 Vehicles
- Plug-in and automatic start functionality
- EV Standard: IEC 62196, IEC 61851

Product Description

Portable EV Charger is a compact AC charging station for use at homes, offices and other residential locations for personal use only.

Its system is simple and features with small footprint, convenient handling and easy operation.

Technical Specifications

Input Power	Input Voltage (AC)	230 VAC +10% or -6%, 50Hz
	Wires	3 Wire,L,N,PE
Output Power	Number of Outputs	1 Nos.
	Output Connector	IEC 62196, Type 2
	Output Rating	230 VAC, Max.16 Amp.
Environment	Operating Temperature	-30 °C to 50 °C
	Storage Temperature	-40 °C to 70 °C
	Cooling Method	Natural Cooling
	Humidity	5% to 95%,non-condensing
User Interference and Control functions	Display Screen	LCD Screen
	Languages- Supported	English
	Visual Indication	Using LED and Screen
	User Authentication	Plug and Charge
Protection	Protection	Over Voltage, Under Voltage, Over Temperature, Ground Fault Protection, Over Load Protection, Leakage and Lightning Protection
Communication	Charger and Vehicle	IEC 62196, IEC 61851
Mechanical	Charger and Vehicle	Indoor & Outdoor
	IP Rating	IP 54

Subject to change without prior notice

Okaya Power Pvt. Ltd.
D-8, Udyog Nagar, Rohtak Road, New Delhi - 110 041
Tel: +91 11 49803300, Call: 98 18 90 90 90
Email: myemail@okayapowerltd.com, Web: www.okayapower.com

OKY/MKTG/LFT/EVCHARGER3.4/260320

AC Wallbox Charger- 7kW

Features

- Compact design
- 7 kW fast charging available
- Robust, all weather enclosure for indoor and outdoor use: Ip54
- Easy to install or retrofitted in various locations
- Daylight readable 4.3” full colour touchscreen display
- Compatible with Open Charge Point Protocol (OCPP)
- APP Scan Code / RFID Card Charging

EV Standard: IEC 62196, IEC 61851

Product Description

AC Wallbox 7 kW is a compact AC Charging station for use at homes, offices and other residential and commercial locations.

Its system is simple and featured with small footprint, convenient installation and easy operation.

Technical Specifications

Input Power	Input Voltage (AC)	230 VAC +10% or -6%, 50Hz
	Wires	3 Wire,L,N,PE
Output Power	Number of Outputs	1 Nos.
	Output Connector	IEC 62196, Type 2
	Output 1 Rating	230 VAC, Max.32 Amp.
Environment	Ambient Temperature	0° C to 55 ° C
	Storage Temperature	0° C to 60 ° C
	Altitude	< 2000 mtr.
	Humidity	5% to 95%,non-condensing
User Interference and Control functions	Display Screen	4.3"/5" Screen with or without keyboard
	Languages - Supported	English
	Push Button	Emergency Stop
	Visual Indication	Using LED
	User Authentication	Using mobile application or User Interface (OCPP gives only a field mandate, media to be used is open) / QR Code / RFID Card / Password Login
Protection	Protection	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
Communication	Charger and Vehicle	IEC 62196, IEC 61851
	Charger and CMS	OCPP v1.6 or above - 10/100 Base-T Ethernet (Standard) or Optical GSM Modem (2G/3G/4G) and Wireless (Optional)
Mechanical	Ingress Protection	Indoor & Outdoor
	IP Rating	IP 54

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D-8, Udyog Nagar, Rohtak Road, New Delhi - 110 041
Tel: +91 11 49803300, Call: 98 18 90 90 90
Email: myemail@okayapowerltd.com, Web: www.okayapower.com

OKY/MKTG/LFT/EVCHARGER7kW/260320

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AC Wallbox Charger- 21kW

Features

- Compact design
- 21 kW fast charging available.
- Robust, all weather enclosure for indoor and outdoor use: Ip54
- Easy to install or retrofitted in various locations.
- Daylight readable 4.3” full colour touchscreen display.
- Compatible with Open Charge Point Protocol (OCPP).
- APP Scan Code / RFID Card Charging.
- EV Standard: IEC 62196, IEC 61851

Product Description

AC Wallbox 21 kW is a compact AC Charging station for use at homes, offices and other residential and commercial locations.

Its system is simple and featured with small footprint, convenient installation and easy operation.

Technical Specifications

Input Power	Input Voltage (AC)	415 Vac +10% or -6%, 50 Hz
	Wires	5 Wire,L1,L2,L3,N,PE
Output Power	Number of Outputs	1 Nos.
	Output Connector	IEC 62196-2 Mode 3, Type 2
	Output 1 Rating	415 VAC,max.32 Amp.
Environment	Ambient Temperature	0° C to 55 ° C
	Storage Temperature	0° C to 60 ° C
	Altitude	< 2000 mtr
	Humidity	5% to 95%,non-condensing
User Interference and Control functions	Display Screen	4.3"/5" LCD Touch Screen
	Languages- Supported	English
	Push Button	Emergency Stop
	Visual Indication	Using LED
	User Authentication	Using mobile application or User Interface (OCPP gives only a field mandate, media to be used is open) / QR Code / RFID Card / Password Login
Protection	Protection	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
Communication	Charger and Vehicle	IEC 62196, IEC 61851
	Charger and CMS	OCPP v1.6 or above - 10/100 Base-T Ethernet (Standard) or Optical GSM Modem (2G/3G/4G) and Wireless (Optional)
Mechanical	Ingress Protection	Indoor & Outdoor
	IP Rating	IP 54

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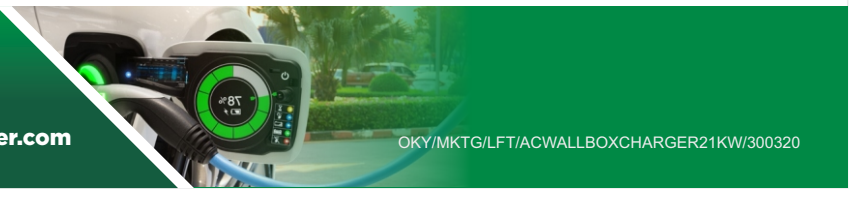
Email: myemail@okayapowerltd.com, Web: www.okayapower.com



OKY/MKTG/LFT/ACWALLBOXCHARGER21KW/300320

Bharat AC EV Charger – 10kW

Features

- Compact and contemporary design.
- 10kW Model with three 3.3 kW IEC 60309 Sockets.
- IP 54.
- Easy to Install and use.
- Daylight readable 5” full colour touchscreen display.
- Compatible with Open Charge Point Protocol (OCPP).
- APP Scan Code / RFID Card Charging.
- EV Standard: IEC60309 and Indian Standard

Product Description

OKAYA Bharat AC 001 EV Charger is a compact AC Slow charging station. This charger comes in single variant with three Sockets for Indian cars. It can deploy charging network rapidly and effectively, providing high-power quick charging service for electric vehicles. It has a durable, robust, all weather enclosure for indoor and outdoor use and support Mahindra and Tata Electric Vehicles. It is applicable to public parking, Govt. offices, fleet management and enterprises parking lot.

Technical Specifications

Input Power	Input Voltage (AC)	415 Vac +10% or -6%, 50 Hz
	Wires	5 Wire,L1,L2,L3,N,PE
Output Power	Number of Outputs	3 Nos.
	Output Connector	IEC 60309
	Output Rating	Each Outlet 230 VAC max. 16Amp.
Environment	Ambient Temperature	0° C to 55 ° C
	Storage Temperature	0° C to 60 ° C
	Altitude	< 2000 mtr
	Humidity	5% to 95%,non-condensing
User Interference and Control functions	Display Screen	4.3"/ 5" TFT LCD Touch Screen
	Languages- *Supported*	English
	Push Button	Emergency Stop
	Visual Indication	Using LED
	User Authentication	Using mobile application or User Interface (OCPP gives only a field mandate, media to be used is open) / QR Code / RFID Card / Password Login
Protection	Protection	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
Communication	Charger and Vehicle	As per BEVC-AC001 Specification
	Charger and CMS	OCPP v1.6 or above - 10/100 Base-T Ethernet (Standard) or Optical GSM Modem (2G/3G/4G) and Wireless (Optional)
Mechanical	Ingress Protection	Indoor & Outdoor
	IP Rating	IP 54
	Dimensions (L*W*H)	340*180*552 mm
	Weight	10 kg

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OKY/MKTG/LFT/BHARATEVCHARGER10KW/300320

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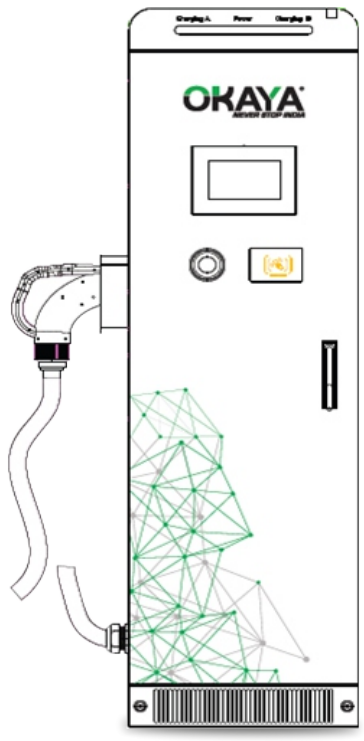
Bharat DC EV Charger – 15kW/20KW/30kW



Features

- Compact and contemporary design.
- 15kW,20kW and 30kW continuous DC Slow charging.
- IP 54.
- Easy to Install and use.
- 200A high output current.
- Single/Dual outlet: GB/T
- Daylight readable 7” full colour touchscreen display.
- Compatible with Open Charge Point Protocol (OCPP).
- APP Scan Code / RFID Card Charging.
- EV Standard: GB/T and Indian Standard.

Product Description

OKAYA Bharat DC 001 EV Charger is a compact DC Slow charging station. This charger comes in three variant 15kW, 20kW and 30kW with Single/Dual Gun can deploy charging network rapidly and effectively, providing high-power quick charging service for electric vehicles. It has a durable, robust, all weather enclosure for indoor and outdoor use and support Mahindra and Tata Electric Vehicles It is applicable to public parking, Govt. offices, fleet management and enterprises parking lot.

Technical Specifications

Capacity		15kW	20kW	30 kW
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)	40 - 100 Vdc, Max 200 Amp .	40 - 100 Vdc, Max 100 Amp at Each Outlet	40 - 100 Vdc, Max 200 Amp at Each Outlet
	Standard/Connector	GB/T 20234.3		
	Number of Connector/Gun	1	2	2
	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 only 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	CAN based Communication as per AIS 138-2		
	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%		

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D-8, Udyog Nagar, Rohtak Road, New Delhi - 110 041
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OKY/MKTG/LFT/BharatDCEVCharger–15kW/20KW/30kW/300320

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DC Wallbox Charger – 20kW

Features

- Compact and contemporary design.
- 20kW continuous fast charging.
- IP 54.
- Easy to Install and use.
- 66A high output current.
- Single outlet: CCS or CHAdeMO
- Daylight readable 7” full colour touchscreen display.
- Compatible with Open Charge Point Protocol (OCPP).
- APP Scan Code / RFID Card Charging.
- Space saving model.
- Simple wall mounting.
- EV Standard: IEC 62196, IEC 61851 for CCS-2 and JEVS G105 for CHAdeMO

Product Description

OKAYA DC Wallbox is a compact 20kW DC fast charger. It can deploy charging network rapidly and effectively, providing high-power quick charging service for electric vehicles. It has a durable, robust, all weather enclosure for indoor and outdoor use and support CCS-2 or CHAdeMO standard. It is applicable to public parking, fleet management and enterprises parking lot.

Technical Specifications

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
	Standard/Connector	CCS-2 / CHAdeMO
	Number of Connector/Gun	1
	Efficiency	≥ 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 only 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%

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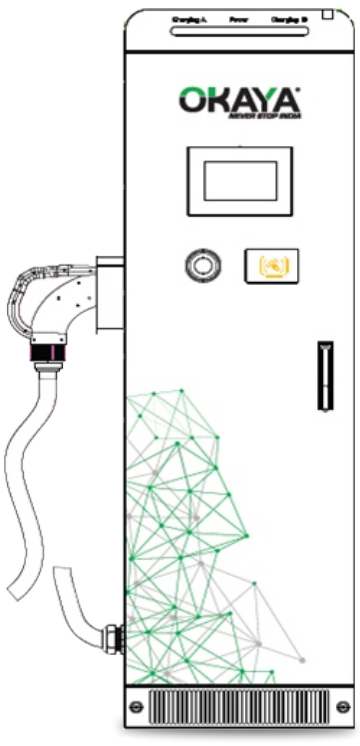
OKY/MKTG/LFT/DCWallboxCharger – 20kW/300320

Single Gun Quick DC Charger



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

Product Description

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.

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%		

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OKY/MKTG/LFT/SingleGunQuickDCCharger/300320

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Dual Gun Fast DC Charger

Features

- Compact and contemporary design.
- 120kW continuous fast charging on Single/Dual Gun.
- IP 54.
- Easy to Install and use.
- Dual outlets: CCS-2 + CCS-2 or CHAdeMO+ CHAdeMO
- Daylight readable 7” full color touchscreen display.
- Compatible with Open Charge Point Protocol (OCPP).
- APP Scan Code / RFID Card Charging.
- EV Standard: IEC 62196, IEC 61851 for CCS-2 and JEVS G105 for CHAdeMO

Product Description

OKAYA Dual Gun 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.

Technical Specifications

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
	Standard/Connector	CCS-2 / CHAdeMO
	Number of Connector/Gun	2
	Efficiency	≥ 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%

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Email: myemail@okayapowerltd.com, Web: www.okayapower.com

OKY/MKTG/LFT/DualGunFastDCCharger/310320

Combo 3 in 1 EV Charger-142kW

Product Description

OKAYA Combo EV Charger is an outdoor integrated multi-standard charging station. It is featured with dual technology allowing simultaneous charging in DC and AC. It delivers 142 kW in total continuously through three different guns- 60 kW DC European Standard (CCS_2), 60kW DC Japanese Standard (CHAdeMO) and 22 kw AC Type-2. It is ideally suitable for medium and large parking lots and Highway petrol, food plaza and service stations.

Features

- Featured with dual technology allowing multiple standard DC and AC both simultaneously.
- Compact and contemporary design. Easy to Install and use.
- 142kW continuous fast charging.
- IP 54. Hot-swap modular design and easy maintenance.
- High efficiency, High power factor, low input harmonic current, no need for additional reactive power compensation and harmonic suppression equipment.
- 200-1000vdc high output voltage, covering all existing and future vehicles.
- Three independent outlets: CCS-2, CHAdeMO and Type-2
- Daylight readable 7” full color touchscreen display.
- Compatible with Open Charge Point Protocol (OCPP).
- APP Scan Code / RFID Card Charging.
- EV Standard: IEC 62196, IEC 61851 for CCS-2 and JEVS G105 for CHAdeMO

Technical Specifications

Input Parameters	Input Voltage (Vac)	415 Vac +10% or -6%.
	Input Frequency	50 Hz ± 1
	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	DC Output 1	CCS-2 (60 kW) 200-750 vdc
	DC Output 2	CHAdeMO (60 kW) 200-550 vdc
	AC Output 3	Type-2, AC 3 Phase, upto 22 kW Max
	Standard/Connector	CCS-2,IEC 62196 Type-2 and CHAdeMO
	Number of Connector/Gun	3
	Charging Standard	PLC(CCS Combo 2) and PWM (AC Type-2 as per IEC-61851-1) and CAN (CHAdeMO)
	Efficiency	≥ 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 Interference and Control functions	Display Screen	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 only 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	CAN (CHAdeMO), PLC (CCS-2) and Type-2 AC as per IEC 61851-1
	Between EV and Central Server	OCPP v 1.6 or above - 10/100 Base-T Ethernet (Standard) or Optical GSM Modem (2G/3G/4G) and Wireless (Optional)
Mechanical	Protection	IP 54
	Cooling	Forced Air Cooling
	Charging Cable Length	3.5 Meter / 5 Meter
	Operating Temperature	0° C to 55 ° C
	Storage Temperature	0° C to 60 ° C
	Humidity(Non-Condensing)	5% to 95%

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Combo 3 in 1 EV Charger-82kW

Features

- Featured with dual technology allowing multiple standard DC and AC both simultaneously.
- Compact and contemporary design. Easy to Install and use
- 82kW continuous fast charging.
- IP 54.
- High efficiency, High power factor, low input harmonic current, no need for additional reactive power compensation and harmonic suppression equipment.
- Hot-swap modular design and easy maintenance.
- 200-1000vdc high output voltage, covering all existing and future vehicles.
- Three independent outlets: CCS-2, CHAdeMO and Type-2
- Daylight readable 7” full color touchscreen
- display.
- Compatible with Open Charge Point Protocol (OCPP).
- APP Scan Code / RFID Card Charging.
- EV Standard: IEC 62196, IEC 61851 for CCS-2 and JEVS G105 for CHAdeMO

Product Description

OKAYA Combo EV Charger is an outdoor integrated multi-standard charging station. It is featured with dual technology allowing simultaneous charging in DC and AC. It delivers 82 kW in total continuously through three different guns- 60 kW DC in sharing power mode for European Standard (CCS_2) and Japanese Standard (CHAdeMO) and while 22 kw AC Type-2 works indecently. It is ideally suitable for fleet management, medium and large parking lots and Highway petrol, food plaza and service stations.

Technical Specifications

Input Parameters	Input Voltage (Vac)	415 Vac +10% or -6%.
	Input Frequency	50 Hz ± 1
	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	DC Output	CCS-2/CHAdeMO (60 kW) 200-1000vc
	AC Output	Type-2, AC 3 Phase, up to 22 kW Max
	Standard/Connector	CCS-2,IEC 62196 Type-2 and CHAdeMO
	Number of Connector/Gun	3
	Charging Standard	PLC(CCS Combo 2) and PWM (AC Type-2 as per IEC-61851-1) and CAN (CHAdeMO)
	Efficiency	≥ 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 Interference and Control functions	Display Screen	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 only 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	CAN (CHAdeMO), PLC (CCS-2) and Type-2 AC as per IEC 61851-1
	Between EV and Central Server	OCPP v 1.6 or above - 10/100 Base-T Ethernet (Standard) or Optical GSM Modem (2G/3G/4G) and Wireless (Optional)
Mechanical	Protection	IP 54
	Cooling	Forced Air Cooling
	Charging Cable Length	3.5 Meter / 5 Meter
	Operating Temperature	0° C to 55 ° C
	Storage Temperature	0° C to 60 ° C
	Humidity(Non-Condensing)	5% to 95%

Subject to change without prior notice

Okaya Power Pvt. Ltd.
D-8, Udyog Nagar, Rohtak Road, New Delhi - 110 041
Tel: +91 11 49803300, Call: 98 18 90 90 90
Email: myemail@okayapowerltd.com, Web: www.okayapower.com

OKY/MKTG/LFT/Combo3in1EVCharger-82kW/310320