



24x7 EV STATION

3.3KW AC Charger

Model no : AC3301

Key Features :

- Anti-Theft Mounting
- OCPP | RFID | QR Code
- Highest safety features in the industry compliant with global standards
- Battery Backup | RFID
- LEDs to indicate charging modes
- Ethernet | Wifi | 4G
- Self-healing with smart Auto-Recovery from faulted stage
- Temperature Sensor on Gun side (Optional)
- Boasts IP55 water & dust protection

Works on WI-FI



Safety Features :

- Varistor Fault Detection
- Type B Earth Leakage Protection
- Surge Protection upto 8kV
- Over Temperature Protection
- Overvoltage Protection
- Relay Welding Protection
- Over Current Protection
- Onboard GFCI Protection

3.3kw EV Charger requires :- 1 phase 3.3kw Power connection

Applications



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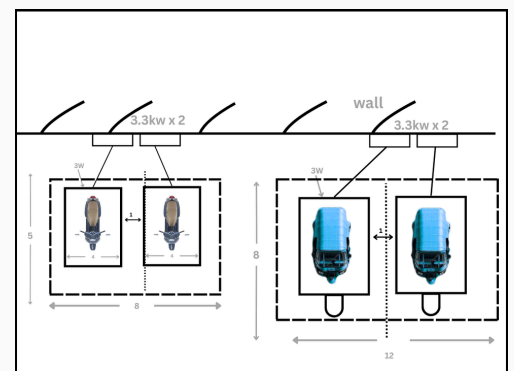
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Min. 40sq.ft area is needed to install & operate per 3.3KW AC Charger.



24x7 EV STATION

3.3KW AC Charger

Specifications :

Manufactured In	India
Input Voltage	230V(SinglePhase)
Input Frequency	50Hz
Number of Outputs	1
Output Connector Type	3 Pin Socket
Cable Length	1k [Live , Neutral , Earthing/ 2.5sq.mm]
Output Current & Rating	16 Amps & 3.3 kw
Operating Temperature	140 Degree C
Material	IP65
Display	No
Authentication	Via App
Communication Protocol	MQTT / OCPP
Visual Indication	LED
SIM	Yes
WI-Fi & RFID	Yes
GSM	Yes
Bluetooth	Yes
Protection	MCD,Voltage Surge Protector,Surge Protector, Earth Fault Protector
Product Dimensions	150mm [l] x 200mm[w] x 80mm [h]
Warrenty	12 Months





24x7 EV STATION

3.3KW AC Charger

Model no : AC3301

Key Features :

- Anti-Theft Mounting
- OCPP | RFID | QR Code
- Highest safety features in the industry compliant with global standards
- Battery Backup | RFID
- LEDs to indicate charging modes
- Ethernet | Wifi | 4G
- Self-healing with smart Auto-Recovery from faulted stage
- Temperature Sensor on Gun side (Optional)
- Boasts IP55 water & dust protection

Works on sim[Not Applicable of basements]



Safety Features :

- Varistor Fault Detection
- Type B Earth Leakage Protection
- Surge Protection upto 8kV
- Over Temperature Protection
- Overvoltage Protection
- Relay Welding Protection
- Over Current Protection
- Onboard GFCI Protection

3.3kw EV Charger requires :- 1 phase 3.3kw Power connection

Applications



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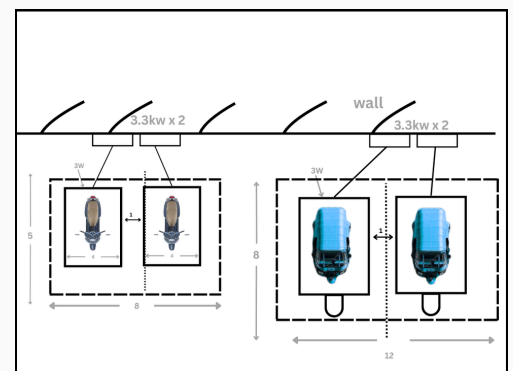
Hospitals



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Min. 40sq.ft area is needed to install & operate per 3.3KW AC Charger.



24x7 EV STATION

3.3KW AC Charger

Specifications :

Manufactured In	India
Input Voltage	230V(SinglePhase)
Input Frequency	50Hz
Number of Outputs	1
Output Connector Type	3 Pin Socket
Cable Length	1k [Live , Neutral , Earthing/ 2.5sq.mm]
Output Current & Rating	16 Amps & 3.3 kw
Operating Temperature	140 Degree C
Material	IP65
Display	No
Authentication	Via App
Communication Protocol	MQTT / OCPP
Visual Indication	LED
SIM	Yes
WI-Fi & RFID	Yes
GSM	Yes
Bluetooth	Yes
Protection	MCD,Voltage Surge Protector,Surge Protector, Earth Fault Protector
Product Dimensions	150mm [l] x 200mm[w] x 80mm [h]
Warrenty	12 Months





24x7 EV STATION

3 KW LEVDC Charger

Model no : LEVDC3001

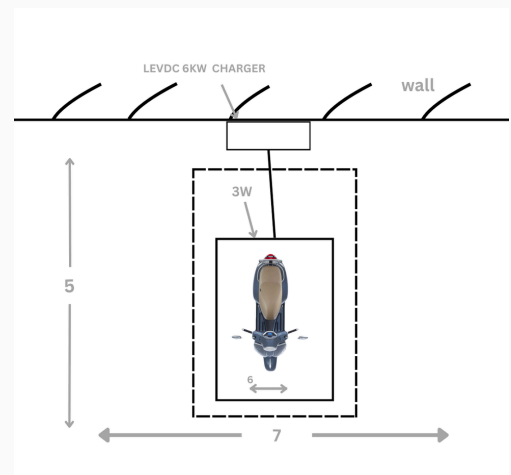
Key Features :

- Anti-Theft Mounting
- OCPP | RFID | QR Code
- Highest safety features in the industry compliant with global standards
- Battery Backup | RFID
- LEDs to indicate charging modes
- Ethernet | Wifi | 4G
- Self-healing with smart Auto-Recovery from faulted stage
- Temperature Sensor on Gun side (Optional)
- Boasts IP55 water & dust protection



Safety Features :

- Varistor Fault Detection
- Overvoltage Protection
- Type B Earth Leakage Protection
- Relay Welding Protection
- Surge Protection upto 8kV
- Over Current Protection
- Over Temperature Protection
- Onboard GFCI Protection



Min.30sq.ft area is needed to install & operate LEVDC 3kw Charger.



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POWER

CHARACTERISTICS	3 KW LEVDC CHARGER
Rated Power	3.0 KW
Input voltage	100Vac - 270Vac, 1-Phase
Number of Output	1
Output current	50A / 55A
Output Charging Outlet	IEC-62196-6 (Type-6) With 2.0mtr cable
Output voltage	30-90 VDC
Battery Backup	Battery Backup for controlling unit > 60 mins

Currently Type 6 connector is used by certian brands like 3W like Altigreen, Suraj Automative, ETO Motors & 2W Ola S1 Pro, Tork Kratos R, Ultraviolette F77 and many more are launching soon.

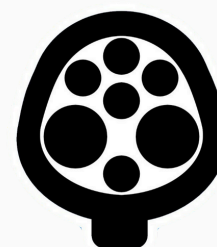
Functional & User Interface

Display	-
Emergency Stop	Mushroom Type
Visual Indications	Power , Charging ,Fault status



Environment

Operating Temperature	-10°C to 55°C
Ingress Temperature	IP5 4
Altitude	<2000 Mtr
Humidity	<95%, Non condensing



Type 6 Connector

Protection, Metering & Communication

Over Current Protection	Power output is terminated upon detection of overcurrent
Residual Current Detection	30 Ma AC
Eletrical Protection	Wall/ Stand Mount Over current, short circuit, Over voltage, Under voltage, Ground fault, Surge, and Over temperature protection
Energy Meter	Class 1.0
Charger & CMS	OCPP 1.6J with Over the Air Upgrade Support
Network Connection	4G/2G (SIM) and/or Wi-Fi
Charging Protocol	IEC-61851-25 & IS-17017-25 (Indian LEV-DC Standard)

Standards & dimensions

Standards	IS-17017-25, IEC-61851-25
Dimensions (WxHxD)	350mm x 300mm x 130mm



24x7 EV STATION

6 KW LEVDC Charger

Model no : LEVDC6001

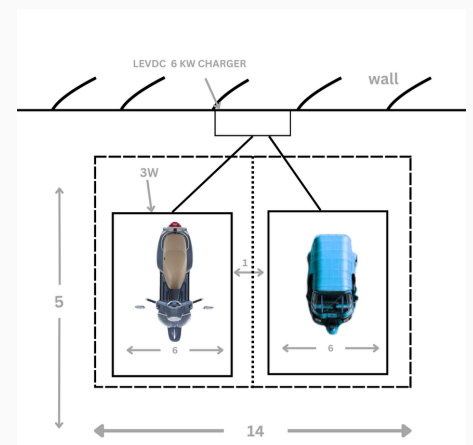
Key Features :

- Anti-Theft Mounting
- OCPP | RFID | QR Code
- Highest safety features in the industry compliant with global standards
- Battery Backup | RFID
- LEDs to indicate charging modes
- Ethernet | Wifi | 4G
- Self-healing with smart Auto-Recovery from faulted stage
- Temperature Sensor on Gun side (Optional)
- Boasts IP55 water & dust protection



Safety Features :

- Varistor Fault Detection
- Overvoltage Protection
- Type B Earth Leakage Protection
- Relay Welding Protection
- Surge Protection upto 8kV
- Over Current Protection
- Over Temperature Protection
- Onboard GFCI Protection



Min.70sq.ft area is needed to install & operate LEVDC 6kw Charger.

3.3kw EV Charger requires :- 1 phase 3.3kw Power connection





POWER

CHARACTERISTICS	6 KW LEVDC CHARGER
Rated Power	6.0 KW
Input voltage	170Vac - 270Vac, 1-Phase
Number of Output	2
Output current	100 A
Output Charging Outlet	IEC-62196-6 (Type-6) With 2.0mtr cable
Output voltage	20-90V VDC
Battery Backup	Battery Backup for controlling unit > 60 mins

Currently Type 6 connector is used by certian brands like 3W like Altigreen, Suraj Automative, ETO Motors & 2W Ola S1 Pro, Tork Kratos R, Ultraviolette F77 and many more are launching soon.

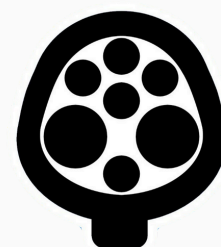
Functional & User Interface

Display	-
Emergency Stop	Mushroom Type
Visual Indications	Power , Charging ,Fault status



Environment

Operating Temperature	-10°C to 55°C
Ingress Temperature	IP5 4
Altitude	<2000 Mtr
Humidity	<95%, Non condensing



Type 6 Connector

Protection, Metering & Communication

Over Current Protection	Power output is terminated upon detection of overcurrent
Residual Current Detection	30 Ma AC
Eletrical Protection	Over current, short circuit, Over voltage, Under voltage, Ground fault, Surge, and Over temperature protection
Energy Meter	Class 1.0 (Independent Meter for each Port)
Charger & CMS	OCPP 1.6J with Over the Air Upgrade Support
Network Connection	4G/2G (SIM) and/or Wi-Fi
Charging Protocol	IEC-61851-25 & IS-17017-25 (Indian LEV-DC Standard)

Standards & dimensions

Standards	IS-17017-25, IEC-61851-25
Dimensions (WxHxD)	650mm x 360mm x 300mm



24x7 EV STATION

14 KW AC HYBRID CHARGER

Model no : AC1401

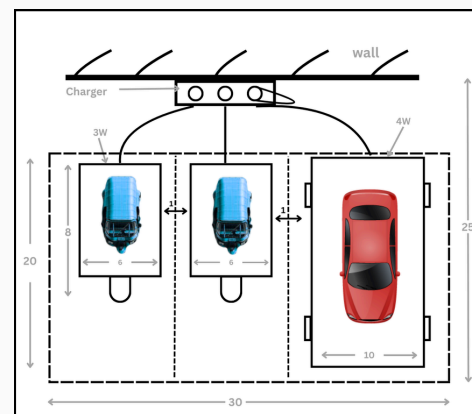
Key Features :

- Anti-Theft Mounting
- OCPP | RFID | QR Code
- Highest safety features in the industry compliant with global standards
- Battery Backup | RFID
- LEDs to indicate charging modes
- Ethernet | Wifi | 4G
- Self-healing with smart Auto-Recovery from faulted stage
- Temperature Sensor on Gun side (Optional)
- Boasts IP55 water & dust protection



Safety Features :

- Varistor Fault Detection
- Overvoltage Protection
- Type B Earth Leakage Protection
- Relay Welding Protection
- Surge Protection upto 8kV
- Over Current Protection
- Over Temperature Protection
- Onboard GFCI Protection



Min. 600sq.ft area is needed to install & operate 14kw AC Hybrid Charger

Applications



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• POWER

CHARACTERISTICS	AC CHARGER 14KW HYBRID
Rated Power	14 kW
Input voltage	310 - 460Vac, 3 phase (L-N-PE), 50±1Hz
Number of Output	3
Output current	0-32A + 0-16A + 0-16A
Output Charging Outlet	Outlet 1: IEC62196 Type2, Outlet 2 and 3: IEC 60309 / Domestic Socket
Output voltage	230Vac
Battery Backup	Battery Backup for controlling unit > 60 mins

• Controls and User Interface

Display	4.3"HMI LCD Display
LEDs	LEDs for charging/fault modes
User Authentication	RFID + OCPPv1.6

• Environment

Ambient temperature	-20°C to 55°C
Storage Temperature	-40°C to 85°C
Altitude	<2000 Mtr
Humidity	<95%, Non condensing

• Communication

External	WiFi, LAN / 4G (with signal boosting Antenna), OCPPv1.6
Metering and Billing	Class 1 Energy Metering
Charging Operation	RFID Card / QR Code / Mobile CMS App (OCPPv1.6)

• Protection/Safety

Input/ Output protection	Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection Grounding protection, Surge protection, Over temperature, Relay welding protection & Reverse polarity protection
Mechanical Protection	Enclosure Mechanical Strength IK-08, IP55 for Outdoor use, Flame Retardant Grade UL94 V-0, Anti-Theft Mounting Design, Safety Lock
Mounting	Wall / Pole Mount (Anti-Theft Design)
Charging Cable	High quality cable with Copper alloy & Silver-plated power contacts, Mating Cycles > 10,000 Temperature Sensor on Gun side (Optional)
Push Button	Mushroom Push Button for Emergency Stop
Cooling	Natural Cooling

• Certifications

As per	IEC 61851 / AIS 138 Part-1 / IS-17017
Certification	CE



TYPE 1 CONNECTOR



TYPE 2 CONNECTOR



24x7 EV STATION

10 KW AC 001 CHARGER

Model no : AC1001

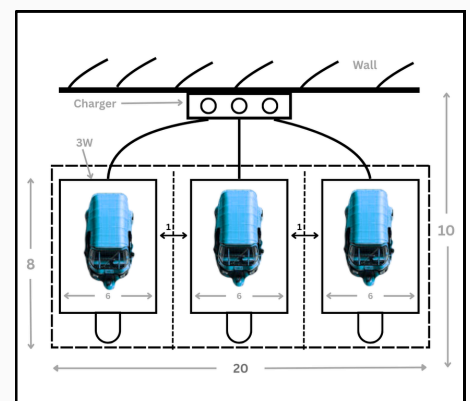
Key Features :

- Anti-Theft Mounting
- Ethernet | Wifi | 4G
- Highest safety features in the industry compliant with global standards
- OCPP | RFID | QR Code
- LEDs to indicate charging modes
- Battery Backup | RFID
- Boasts IP55 water & dust protection
- Self-healing with smart Auto-Recovery from faulted stage



Safety Features :

- Varistor Fault Detection
- Type B Earth Leakage Protection
- Surge Protection upto 8kV
- Over Temperature Protection
- Overvoltage Protection
- Relay Welding Protection
- Over Current Protection
- Onboard GFCI Protection



Min. 200sq.ft area is needed to install & operate 10KW AC Charger.

Applications



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• POWER

CHARACTERISTICS	AC CHARGER 0001
Rated Power	3.3 kW x 3
Input voltage	310 - 460Vac, 3 phase (L-N-PE), 50±1Hz
Number of Output	3
Output current	0-16A per output
Output Charging Outlet	3 x 3.3kW (IEC 60309 / Domestic Socket)
Output voltage	230 Vac
Battery Backup	Battery Backup for controlling unit > 60 mins



• Controls and User Interface

Display	4.3°HMI LCD Display Touchscreen (Faults / Charging status/ Supply/ Connectivity status)
LEDs	LEDs for charging/fault modes
User Authentication	RFID + OCPPv1.6

• Environment

Ambient emperature	-20°C to 55°C
Storage Temperature	-20°C to 85°C
Altitude	<2000 Mtr
Humidity	<95%, Non condensing

• Communication

External	WiFi, LAN / 4G (with signal boosting Antenna), OCPPv1.6
Metering and Billing	Class 1 Energy Metering
Charging Operation	RFID Card / QR Code / Mobile CMS App (OCPPv1.6)

• Protection/Safety

Input/ Output protection	Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection Grounding protection, Surge protection, Over temperature, Relay welding protection & Reverse polarity protection
Mechanical Protection	Enclosure Mechanical Strength IK-08, IP55 for Outdoor use, Flame Retardant Grade UL94 V-0, Anti-Theft Mounting Design, Safety Lock
Mounting	Wall / Pole Mount (Anti-Theft Design)
Push Button	Mushroom Push Button for Emergency Stop
Cooling	Natural Cooling
Input/ Output protection	Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection Grounding protection, Surge protection, Over temperature, Relay welding protection & Reverse polarity protection

• Certifications

As per	Bharat EV AC Charger (BEVC-AC001) Specifications, AIS 138-Part 1
Certification	IEC 61851 / AIS 138 Part-1 / IS-17017



24x7 EV STATION

7.4 KW AC Semi Fast CHARGER

Model no : AC7401

Key Features :

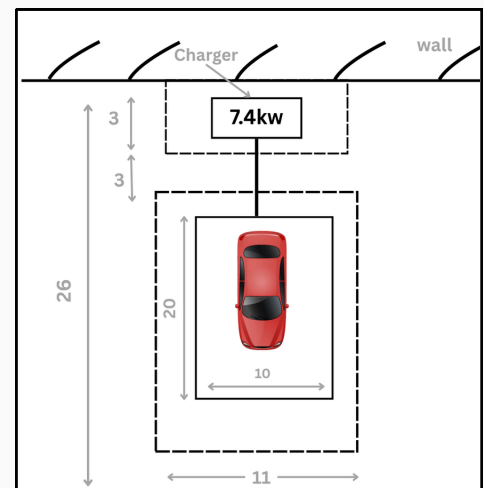
- Anti-Theft Mounting
- OCPP | RFID | QR Code
- Highest safety features in the industry compliant with global standards
- Battery Backup | RFID
- LEDs to indicate charging modes
- Ethernet | Wifi | 4G
- Self-healing with smart Auto-Recovery from faulted stage
- Temperature Sensor on Gun side (Optional)
- Boasts IP55 water & dust protection



Safety Features :

- Varistor Fault Detection
- Overvoltage Protection
- Type B Earth Leakage Protection
- Relay Welding Protection
- Surge Protection upto 8kV
- Over Current Protection
- Over Temperature Protection
- Onboard GFCI Protection

7.4kw EV Charger requires :- 1 phase 7.4kw Power connection



Min. 300sq.ft area is needed to install & operate 7.4KW AC Charger.

Applications



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Specifications :

Parameters	Rated Capacity	7.4 KW
Input Parameter	Input Voltage Range Input Frequency Range Maximum Input Current Input Voltage Type	180-275V 45 - 65 Hz 32A rms Single Phase, 3 Wire (P, N, PE)
Power Output	Output Voltage Output Current per gun Standard / Connector No. of Connectors / Guns	Same as input voltage Max. 32A rms Type-2 AC 1
Protection & Capicity	Safety Parameters	Input Over Voltage, Input Under Voltage, Over Current, Short Circuit, Surge Protection, Over Temperature, Residual Current Protection, Emergency Shut-down with alarm
Interface & Control Functionss	Display screen - (Optional) Languages Supported Push Button Visual Indication User Authentication	3.5 inch TFT LCD Touch Screen English Emergency Stop Presence of Input Supply, Error Indicator Mobile Application, QR Code, RFID Card, Password Login
Communica tion	Between EV Charger & EV Between EV and Central Server	Low Level Communication as per IEC 61851-1 OCPP 1.6J/OCPP 2.0.1 software protocol via Wifi or GSM Modem (2G/3G/4G) or Ethernet (Optional)
Mechanical	Protection Cooling Charging Cable Length Operating Temperature Storage Temperature Humidity Weight Dimensions (mm)	IP 54 Natural Air Cooling 5m -25 ° C to 55 ° C -25 ° C to 55 ° C 5% to 95% Less than 6 kgs 350 (H) x 400 (W) x 170 (D)



TYPE 2 CONNECTOR





24x7 EV STATION

7.4 KW AC TYPE 2 CHARGER

Model no : AC7401

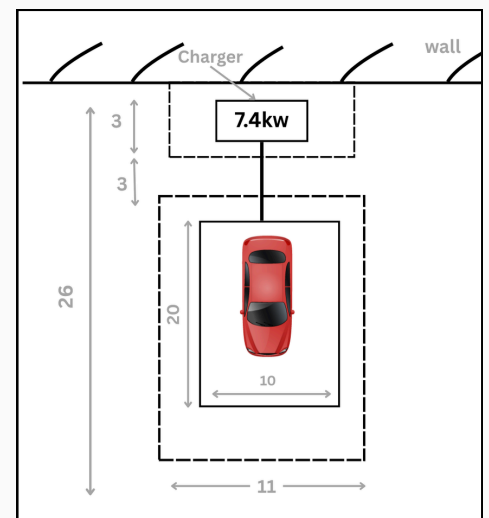
Key Features :

- Anti-Theft Mounting
- OCPP | RFID | QR Code
- Highest safety features in the industry compliant with global standards
- Battery Backup | RFID
- LEDs to indicate charging modes
- Ethernet | Wifi | 4G
- Self-healing with smart Auto-Recovery from faulted stage
- Temperature Sensor on Gun side (Optional)
- Boasts IP55 water & dust protection



Safety Features :

- Varistor Fault Detection
- Overvoltage Protection
- Type B Earth Leakage Protection
- Relay Welding Protection
- Surge Protection upto 8kV
- Over Current Protection
- Over Temperature Protection
- Onboard GFCI Protection



Min. 300sq.ft area is needed to install & operate 7.4KW AC Charger.

Applications



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• POWER

CHARACTERISTICS	7.4 KW AC CHARGER
Rated Power	7.4 KW
Input voltage	180-265Vac, 1 phase (L-N-PE), 50±1Hz
Number of Output	1
Output current	0-32A
Output Charging Outlet	IEC62196 Type2
Output voltage	230Vac
Battery Backup	Battery Backup for controlling unit > 60 mins



TYPE 2 CONNECTOR

• Controls and User Interface

Display	4.3" HMI LCD Display
LEDs	LEDs for charging/fault modes
User Authentication	RFID + OCPPv1.6



• Environment

Ambient temperature	-20°C to 55°C
Storage Temperature	-40°C to 85°C
Altitude	<2000 Mtr
Humidity	<95%, Non condensing

• Communication

External	WiFi, LAN / 4G (with signal boosting Antenna), OCPPv1.6
Metering and Billing	Class 1 Energy Metering
Charging Operation	RFID Card / QR Code / Mobile CMS App (OCPPv1.6)

• Protection/Safety

Input/ Output protection	OOver/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection Grounding protection, Surge protection, Over temperature, Relay welding protection & Reverse polarity protection
Mechanical Protection	Enclosure Mechanical Strength IK-08, IP55 for Outdoor use, Flame Retardant Grade UL94 V-0, Anti-Theft Mounting Design, Safety Lock
Mounting	Wall / Pole Mount (Anti-Theft Design)
Charging Cable	High quality cable with Copper alloy & Silver-plated power contacts, Mating Cycles > 10,000 Temperature Sensor on Gun side (Optional)
Push Button	Mushroom Push Button for Emergency Stop
Cooling	Natural Cooling

• Certifications

As per	IEC 61851 / AIS 138 Part-1 / IS-17017
Certification	CE



24x7 EV STATION

30/60KW DC FAST CHARGER

30kw DC Charger Model no : DC3001
60kw DC Charger Model no : DC6002

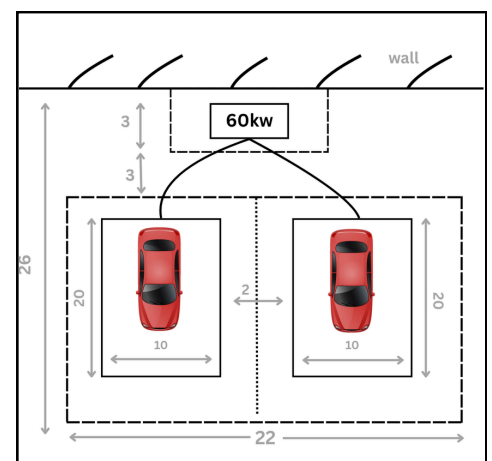
Key Features :

- Battery Backup | RFID
- High Speed Charging with 1000V module
- Advanced Safety Protections including provision for Smoke & Tilt Sensors
- High Efficiency >95%
- Onboard Temperature Sensor
- Upgrade Power Rating by stacking additional modules
- Ethernet | Wifi | 4G
- OCPPv1.6J with Autocharge
- Optional feature: Cable Management System



Safety Features :

- Varistor Fault Detection
- Type B Earth Leakage Protection
- Surge Protection upto 8kV
- Over Temperature Protection
- Overvoltage Protection
- Relay Welding Protection
- Over Current Protection
- Onboard GFCI Protection



Min. 600sq.ft area is needed to install & operate DC Fast Charger.

Applications



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24x7 EV STATION

30 /60 KW DC FAST CHARGER

• POWER

CHARACTERISTICS	30 KW CHARGER	60 KW DC CHARGER
Rated Power	30 KW	60 KW
Input voltage	3-Phase, 415V (+6% and -10%)	
Number of Output	Single Gun	Dual gun
Output current	80A Max	150A Max
Output Charging Outlet	Combined Charging System Combo 2 (CCS2)	
Output voltage	200-750 VDC	200-1000 VDC
Efficiency	≥95%	
Power Factor	20.98	
Battery Backup	Battery Backup for controlling unit > 60 mins	



• Controls and User Interface

Display	7" TFT LCD Display Touchscreen (Optional 10" size)
LEDs	LEDs for charging/fault modes
User Authentication	RFID + OCPPv1.6

• Environment

Ambient emperature	-20°C to 55°C
Storage Temperature	-40°C to 70°C
Altitude	2000 Mtr
Humidity	<95%, Non condensing

• Communication

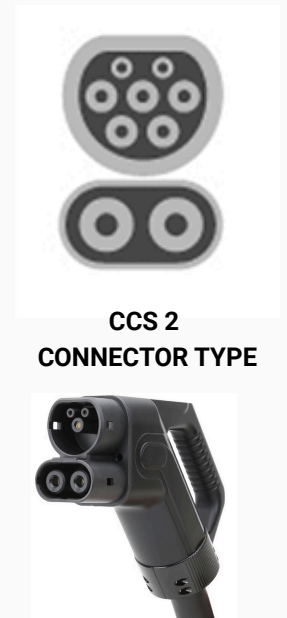
External	WiFi, RS485, LAN/4G + OCPPV1.6
Metering and Billing	Class 1 Energy Metering
Charging Operation	Autocharge / RFID Card / QR Code / Mobile CMS App (OCPPV1.6)

• Protection/Safety

Input/ Output protection	Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection Grounding protection, Surge protection, Over temperature, Relay welding protection & Reverse polarity protection
Mechanical Protection	Enclosure Mechanical Strength IK-08, IP55 for Outdoor use, Flame Retardant Grade UL94 V-0, Anti-Theft Mounting Design, Safety Lock
Mounting	Wall/ Stand Moun
Charging Cable	High quality cable Silver-plated power contacts, Replaceable mating frame and two temperature sensors for both the power contacts (DC+ and DC-) Mating Cycles > 10,000 (Optional Upgrade>30,000 Cycles), Cable Management System (Optional)
Push Button	Mushroom Push Button for Emergency Stop
Cooling	Forced Air Cooling

• Certifications

As per	IEC 61851 / AIS 138 Part-1 / IS-17017
Certification	ARAI, CE



CCS 2
CONNECTOR TYPE



24x7 EV STATION

LEVDC 12 KW CHARGER

Model no: LD1201

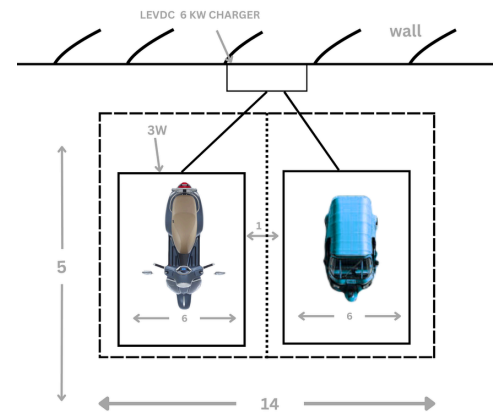
Key Features :

- Designed & Manufactured in India with ~60% DVA (Domestic Value Addition)
- Battery Backup | RFID
- High Speed Charging with 1000V module
- Advanced Safety Protections including provision for Smoke & Tilt Sensors
- High Efficiency >92%
- Onboard Temperature Sensor
- Upgrade Power Rating by stacking additional modules
- Ethernet | Wifi | 4G
- OCPPv1.6J
- Type 6 (IEC62196-6)



Safety Features :

- Varistor Fault Detection
- Type B Earth Leakage Protection
- Surge Protection upto 8kV
- Over Temperature Protection
- Overvoltage Protection
- Relay Welding Protection
- Over Current Protection
- Onboard GFCI Protection



Min.70sq.ft area is needed to install & operate LEVDC 12kwCharger.

Applications



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• **POWER**

CHARACTERISTICS	12KW LEVDC CHARGER
Rated Power	12 KW
Input voltage	346 - 412Vac, 3 phase (L1,L2,L3,N,PE), 50±1Hz
Number of Output	Dual
DC Output current	100A per output
Output Charging Outlet	2 x 6kW (IEC62196-6 Type 6)
DC Output Voltage	40-68Vdc
Battery Backup	Battery Backup for controlling unit > 60 mins
Efficiency	≥92%
Power Factor	>0.95

Currently Type 6 connector is used by certian brands like 3W like Altigreen, Suraj Automative, ETO Motors & 2W Ola S1 Pro, Tork Kratos R, Ultraviolette F77 and many more are launching soon.



• **Controls and User Interface**

Display	4.3"HMI LCD Display Touchscreen (Faults / Charging status/ Supply/ Connectivity status)
LEDs	LEDs for charging/fault modes
User Authentication	RFID + OCPPv1.6

• **Environment**

Ambient emperature	0°C to 55°C
Storage Temperature	-20°C to 85°C
Altitude	<2000 Mtr
Humidity	<95%, Non condensing

• **Communication**

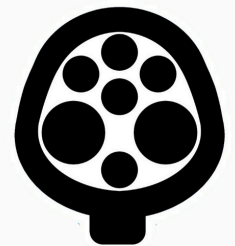
External	WiFi, LAN / 4G (with signal boosting Antenna), RS485, OCPPv1.6
Metering and Billing	Class 1 Energy Metering
Charging Operation	RFID Card / QR Code / Mobile CMS App (OCPPv1.6)

• **Protection/Safety**

Input/ Output protection	Over/Under Voltage, Overload, Short Circuit, Current Leakage, Grounding, Surge protection, Relay Welding, Over Temperature
Mechanical Protection	Enclosure Mechanical Strength IK-08, IP55 for Outdoor use, Flame Retardant Grade UL94 V-0, Anti-Theft Mounting Design, Safety Lock
Mounting	Wall/ Stand Mount
Push Button	Mushroom Push Button for Emergency Stop
Cooling	Forced Air Cooling
Input/ Output protection	Over/Under Voltage, Overload, Short Circuit, Current Leakage, Grounding, Surge protection, Relay Welding, Over Temperature

• **Certifications**

As per	IEC 61851 / AIS 138 Part-1 / IS-17017
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**Type 6
Connector**



24x7 EV STATION

120 / 240KW DC ULTRA-FAST CHARGER

120kw DC Charger Model no : DC1201
240kw DC Charger Model no : DC2402

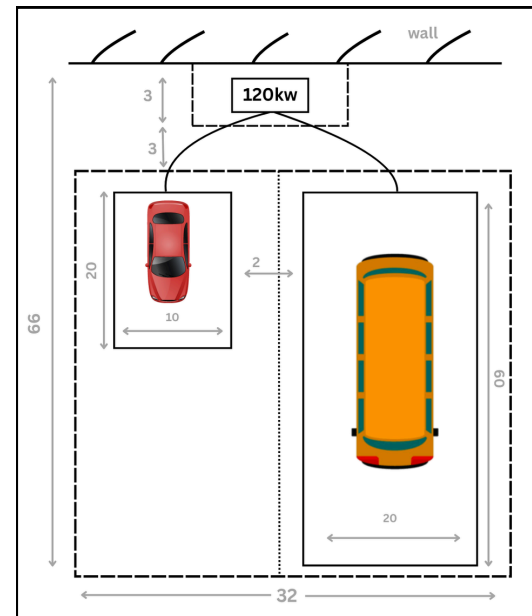
Key Features :

- Battery Backup | RFID
- High Speed Charging with 1000V module
- Advanced Safety Protections including provision for Smoke & Tilt Sensors
- High Efficiency >95%
- Onboard Temperature Sensor
- Upgrade Power Rating by stacking additional modules
- Ethernet | Wifi | 4G
- OCPPv1.6J with Autocharge
- Optional feature: Cable Management System



Safety Features :

- Varistor Fault Detection
- Overvoltage Protection
- Type B Earth Leakage Protection
- Relay Welding Protection
- Surge Protection upto 8kV
- Over Current Protection
- Over Temperature Protection
- Onboard GFCI Protection



Min. 1000sq.ft area is needed to install & operate DC Ultra Fast Charger.

Applications



Highways



Commercials



Parkings



MALLS



24x7 EV STATION

120 / 240 KW DC ULTRA FAST CHARGER

• POWER

CHARACTERISTICS	120 KW CHARGER	240 KW DC CHARGER
Rated Power	30 KW	60 KW
Input voltage	3-Phase, 415V (+6% and -10%)	
Number of Output	Single Gun	Dual gun
Output current	200 Max	250A Max
Output Charging Outlet	Combined Charging System Combo 2 (CCS2)	
Output voltage	200-1000 VDC	200-1000 VDC
Efficiency	≥95%	
Power Factor	20.98	
Battery Backup	Battery Backup for controlling unit > 60 mins	



• Controls and User Interface

Display	7" TFT LCD Display Touchscreen (Optional 10" size)
LEDs	LEDs for charging/fault modes
User Authentication	RFID + OCPPv1.6

• Environment

Ambient emperature	-20°C to 55°C
Storage Temperature	-40°C to 70°C
Altitude	2000 Mtr
Humidity	<95%, Non condensing

• Communication

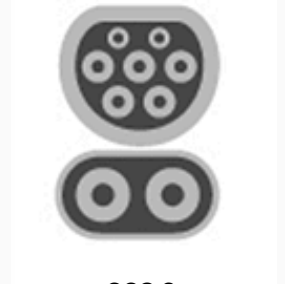
External	WiFi, RS485, LAN/4G + OCPPV1.6
Metering and Billing	Class 1 Energy Metering
Charging Operation	Autocharge / RFID Card / QR Code / Mobile CMS App (OCPPV1.6)

• Protection/Safety

Input/ Output protection	Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection Grounding protection, Surge protection, Over temperature, Relay welding protection & Reverse polarity protection
Mechanical Protection	Enclosure Mechanical Strength IK-08, IP55 for Outdoor use, Flame Retardant Grade UL94 V-0, Anti-Theft Mounting Design, Safety Lock
Mounting	Wall/ Stand Moun
Charging Cable	High quality cable Silver-plated power contacts, Replaceable mating frame and two temperature sensors for both the power contacts (DC+ and DC-) Mating Cycles > 10,000 (Optional Upgrade>30,000 Cycles), Cable Management System (Optional)
Push Button	Mushroom Push Button for Emergency Stop
Cooling	Forced Air Cooling

• Certifications

As per	IEC 61851 / AIS 138 Part-1 / IS-17017
Certification	ARAI, CE



CCS 2
CONNECTOR TYPE

