



AC Type-2
Commercial Edition

EV CHARGERS





Lubi EV Solutions is the electric vehicle supply equipment solution arm of Lubi Industries LLP. Lubi Industries LLP was formed in 1965 and is one of the leading manufacturing companies in India with operations across embedded and power electronics, solar energy, industrial automation, pumps, and motors.

Lubi EV Solutions has a strong research and development team dedicated to design state of the art indigenous EV chargers as per Indian and Global market requirements.

Lubi EV Solutions currently offers an energy efficient range of EV Chargers including AC Chargers, DC Chargers and Combination of AC & DC Chargers as per Indian and International standards. We also offer software-as-a-service Central Management System solutions to operate charging networks. These comprehensive EV charging solutions are able to fulfill the needs for various applications such as parking, corporate buildings, fleets, and residential buildings.

Lubi EV Solutions offers a wide range of AC chargers up to 44 kW in AC Type-2, 10 kW in BHARAT AC 001, and up to 240 kW in DC Chargers. We also offers combined 2-in-1 and 3-in-1 chargers which includes a combination of CCS-2, CHAdeMO and AC Type-2.

Product Range



EV CHARGERS

Complete Charging Solutions

www.lubievsolutions.com

AC EV Charger (3.7 kW) IEC 62196 Type-2



Applications :



HIGHWAY



PARKING



SERVICE
STATION



COMMERCIAL



FLEET



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HOTEL

FEATURES :

- Unit type AC intelligent charger
- International Standard : AC Type-2 IEC 62196
- Compact and Modular design, Flexible configuration and easy maintenance.
- Built-in RFID and communications (GSM/LAN/WiFi)
- Upgrade the system software remotely and locally
- High degree of protection and wide voltage output
- Support Scan QR code to pay
- Power meter available
- Max, Output power : 3.7KW
- Output voltage range : 230V AC
- Network connectivity (OCPP 1.6J)
- Max. 99.9% power efficiency
- Power backup 15 min. (Optional)

Technical Specifications :

MODEL NO / INPUT		LEV3.7KA 3.7kw
Input Voltage (AC)		1 Phase 230V (+/- 10%)
Efficiency		≥ 99.9%
Input Frequency		50 Hz
Wires		3 Wire L, N, PE
OUTPUT		
Number Of Outputs		1 No
Output Connector		IEC 62196 Type 2
Output Current		Max. 16 A
Output Power Rating		3.7 kW
USER INTERFACE AND CONTROL		
Display		4.3" TFT Color Touch Screen
Buttons And Switch		Available
Push Button		YES
User Authentication		RFID Based
Visual Indication		Mains available, Charging status, System Error
ENVIRONMENT		
Ambient Temperature		-20°C to 50°C (Derating over 50° C)
Storage Temperature		-40°C to 70°C
Altitude		≤ 2000 Mtr
Humidity		<95%, Non-condensing
COMMUNICATION		
Charging Mode		IS 17017 / IEC 61851-1 (Mode-3)
Charger and Vehicle		PWM as per IEC 61851-1
Charger And CMS		Interface : WiFi / GSM / LAN
PROTECTION		
Protection		Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Reverse Battery Connection
RCD Type		A
Charging Protocol		OCPP 1.6J
MECHANICAL		
Place of Installation		Indoor and Outdoor
Ingress Protection		IP 55
Impact Protection		IK10
Cooling		Natural Convection
Charging Wire Length		5 Mtr
Dimension(WxDxH)		340 mm x 150 mm x 440 mm (Pole height - 1400 mm)
Weight		9 kg

Pole has to be ordered separately

AC EV Charger (7.4 kW) IEC 62196 Type-2



Applications :



HIGHWAY



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HOTEL

FEATURES :

- Unit type AC intelligent charger
- International Standard : AC Type-2 IEC 62196
- Compact and Modular design, Flexible configuration and easy maintenance.
- Built-in RFID and communications (GSM/LAN/WiFi)
- Upgrade the system software remotely and locally
- High degree of protection and wide voltage output
- Support Scan QR code to pay
- Power meter available
- Max, Output power : 7.4KW
- Output voltage range : 230V AC
- Network connectivity (OCPP 1.6J)
- Max. 99.9% power efficiency
- Power backup 15 min. (Optional)

Technical Specifications :

MODEL NO / INPUT	LEV7KA1 / 7.4kW
Input Voltage (AC)	1 Phase 230V (+/- 10%)
Efficiency	≥99.9%
Input Frequency	50 Hz
Wires	3 Wire L, N, PE
OUTPUT	
Number Of Outputs	1 No
Output Connector	IEC 62196 AC Type 2
Output Current	Max. 32 A
Output Power Rating	7.4 kW
USER INTERFACE AND CONTROL	
Display	4.3" TFT Color Touch Screen
Buttons And Switch	Available
Emergency Push Button	YES
User Authentication	RFID Based
Visual Indication	Mains available, Charging status, System Error
ENVIRONMENT	
Ambient Temperature	-20°C to 50°C (Derating over 50° C)
Storage Temperature	-40°C to 70°C
Altitude	≤ 2000 Mtr (Derating over 2000m)
Humidity	<95%, Non-condensing
COMMUNICATION	
Charging Mode	IS 17017 / IEC 61851-1 (Mode-3)
Charger and Vehicle	PWM as per IEC 61851-1
Charger And CMS	Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : WiFi / GSM / LAN
PROTECTION	
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Reverse Battery Connection
Charging Protocol	OCPP 1.6J
MECHANICAL	
Place of Installation	Indoor and Outdoor
Ingress Protection	IP 55
Impact Protection	IK10
Cooling	Natural Convection
Charging Wire Length	5 Mtr
Dimension(WxDxH)	340 mm x 150 mm x 440 mm (Pole height - 1400 mm)
Weight	9 kg

Pole has to be ordered separately

AC EV Charger (14.8 kW - 2 Gun) IEC 62196 Type-2



Applications :



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FEATURES :

- Unit type AC intelligent charger
- International Standard : AC Type-2 IEC 62196
- Compact and Modular design, Flexible configuration and easy maintenance.
- Built-in RFID and communications (GSM/LAN/WiFi)
- Upgrade the system software remotely and locally
- High degree of protection and wide voltage output
- Support Scan QR code to pay
- Power meter available
- Max, Output power : 7.4KW / Gun
- Output voltage range : 230V AC
- Network connectivity (OCPP 1.6J)
- Max. 99.9% power efficiency
- Power backup 15 min. (Optional)

Technical Specifications :

MODEL NO / INPUT	LEV14KA3-2 / 14.8kW
Input Voltage (AC)	3 Phase 400V (+/- 10%)
Efficiency	≥99.9%
Input Frequency	50 Hz
Wires	4 Wire L1, L2, N, PE
OUTPUT	
Number Of Outputs	2 No
Output Connector	IEC 62196 AC Type 2
Output Current	Max. 32 A / Gun
Output Power Rating	7.4 kW / Gun
USER INTERFACE AND CONTROL	
Display	4.3" TFT Color Touch Screen
Buttons And Switch	Available
Emergency Push Button	YES
User Authentication	RFID Based
Visual Indication	Mains available, Charging status, System Error
ENVIRONMENT	
Ambient Temperature	-20°C to 50°C (Derating over 50° C)
Storage Temperature	-40°C to 70°C
Altitude	≤ 2000 Mtr (Derating over 2000m)
Humidity	<95%, Non-condensing
COMMUNICATION	
Charging Mode	IS 17017 / IEC 61851-1 (Mode-3)
Charger and Vehicle	PWM as per IEC 61851-1
Charger And CMS	Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : WiFi / GSM / LAN
PROTECTION	
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Reverse Battery Connection
Charging Protocol	OCPP 1.6J
MECHANICAL	
Place of Installation	Indoor and Outdoor
Ingress Protection	IP 55
Impact Protection	IK10
Cooling	Natural Convection
Charging Wire Length	5 Mtr
Dimension(WxDxH)	340 mm x 150 mm x 440 mm (Pole height - 1400 mm)
Weight	11 kg

Pole has to be ordered separately

AC EV Charger (11 kW) IEC 62196 Type-2



Applications :



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FEATURES :

- Unit type AC intelligent charger
- International Standard : AC Type-2 IEC 62196
- Compact and Modular design, Flexible configuration and easy maintenance.
- Built-in RFID and communications (GSM/LAN/WiFi)
- Upgrade the system software remotely and locally
- High degree of protection and wide voltage output
- Support Scan QR code to pay
- Power meter available
- Max, Output power : 11KW
- Output voltage range : 400V AC
- Network connectivity (OCPP 1.6J)
- Max. 99.9% power efficiency
- Power backup 15 min. (Optional)

Technical Specifications :

MODEL NO / INPUT	LEV11KA3 / 11kW
Input Voltage (AC)	3 Phase 400V (+/- 10%)
Efficiency	≥99.9%
Input Frequency	50 Hz
Wires	5 Wire L1,L2,L3, N, PE
OUTPUT	
Number Of Outputs	1 No
Output Connector	IEC 62196 AC Type 2
Output Current	Max. 16 A
Output Power Rating	11 kW
USER INTERFACE AND CONTROL	
Display	4.3" TFT Color Touch Screen
Buttons And Switch	Available
Emergency Push Button	YES
User Authentication	RFID Based
Visual Indication	Mains available, Charging status, System Error
ENVIRONMENT	
Ambient Temperature	-20°C to 50°C (Derating over 50' C)
Storage Temperature	-40°C to 70°C
Altitude	≤ 2000 Mtr (Derating over 2000m)
Humidity	<95%, Non-condensing
COMMUNICATION	
Charging Mode	IS 17017 / IEC 61851-1 (Mode-3)
Charger and Vehicle	PWM as per IEC 61851-1
Charger And CMS	Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : Wifi / GSM / LAN
PROTECTION	
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Reverse Battery Connection
Charging Protocol	OCPP 1.6J
MECHANICAL	
Place of Installation	Indoor and Outdoor
Ingress Protection	IP 55
Impact Protection	IK10
Cooling	Natural Convection
Charging Wire Length	5 Mtr
Dimension(WxDxH)	340 mm x 150 mm x 440 mm (Pole height - 1400 mm)
Weight	12 kg

Pole has to be ordered separately

AC EV Charger (22 kW - 2 Gun) IEC 62196 Type-2



Applications :



HIGHWAY



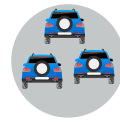
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HOTEL

FEATURES :

- Unit type AC intelligent charger
- International Standard : AC Type-2 IEC 62196
- Compact and Modular design, Flexible configuration and easy maintenance.
- Built-in RFID and communications (GSM/LAN/WiFi)
- Upgrade the system software remotely and locally
- High degree of protection and wide voltage output
- Support Scan QR code to pay
- Power meter available
- Max, Output power : 11KW / Gun
- Output voltage range : 400V AC
- Network connectivity (OCPP 1.6J)
- Max. 99.9% power efficiency
- Power backup 15 min. (Optional)

Technical Specifications :

MODEL NO / INPUT	LEV22KA3-2 / 22kW
Input Voltage (AC)	3 Phase 400V (+/- 10%)
Efficiency	≥99.9%
Input Frequency	50 Hz
Wires	4 Wire L1,L2, N, PE
OUTPUT	
Number Of Outputs	2 No
Output Connector	IEC 62196 AC Type 2
Output Current	Max. 16 A / Gun
Output Power Rating	11 kW / Gun
USER INTERFACE AND CONTROL	
Display	4.3" TFT Color Touch Screen
Buttons And Switch	Available
Emergency Push Button	YES
User Authentication	RFID Based
Visual Indication	Mains available, Charging status, System Error
ENVIRONMENT	
Ambient Temperature	-20°C to 50°C (Derating over 50' C)
Storage Temperature	-40°C to 70°C
Altitude	≤ 2000 Mtr (Derating over 2000m)
Humidity	<95%, Non-condensing
COMMUNICATION	
Charging Mode	IS 17017 / IEC 61851-1 (Mode-3)
Charger and Vehicle	PWM as per IEC 61851-1
Charger And CMS	Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : Wifi / GSM / LAN
PROTECTION	
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Reverse Battery Connection
Charging Protocol	OCPP 1.6J
MECHANICAL	
Place of Installation	Indoor and Outdoor
Ingress Protection	IP 55
Impact Protection	IK10
Cooling	Natural Convection
Charging Wire Length	5 Mtr
Dimension(WxDxH)	340 mm x 150 mm x 440 mm (Pole height - 1400 mm)
Weight	14 kg

Pole has to be ordered separately

AC EV Charger (22kW) IEC 62196 Type-2



Applications :



HIGHWAY



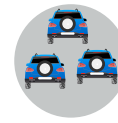
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FEATURES :

- Unit type AC intelligent charger
- International Standard : AC Type-2 IEC 62196
- Compact and Modular design, Flexible configuration and easy maintenance.
- Built-in RFID and communications (GSM/LAN/WiFi)
- Upgrade the system software remotely and locally
- High degree of protection and wide voltage output
- Support Scan QR code to pay
- Power meter available
- Max, Output power : 22KW
- Output voltage range : 400V AC
- Network connectivity (OCPP 1.6J)
- Max. 99.9% power efficiency
- Power backup 15 min. (Optional)

Technical Specifications :

MODEL NO / INPUT	LEV22KA3 / 22kW
Input Voltage (AC)	3 Phase 400V (+/- 10%)
Efficiency	≥99.9%
Input Frequency	50 Hz
Wires	5 Wire L1,L2,L3, N, PE
OUTPUT	
Number Of Outputs	1 No
Output Connector	IEC 62196 AC Type 2
Output Current	Max. 32 A
Output Power Rating	22 kW
USER INTERFACE AND CONTROL	
Display	4.3" TFT Color Touch Screen
Buttons And Switch	Available
Emergency Push Button	YES
User Authentication	RFID Based
Visual Indication	Mains available, Charging status, System Error
ENVIRONMENT	
Ambient Temperature	-20°C to 50°C (Derating over 50° C)
Storage Temperature	-40°C to 70°C
Altitude	≤ 2000 Mtr (Derating over 2000m)
Humidity	<95%, Non-condensing
COMMUNICATION	
Charging Mode	IS 17017 / IEC 61851-1 (Mode-3)
Charger and Vehicle	PWM as per IEC 61851-1
Charger And CMS	Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : Wifi / GSM / LAN
PROTECTION	
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Reverse Battery Connection
Charging Protocol	OCPP 1.6J
MECHANICAL	
Place of Installation	Indoor and Outdoor
Ingress Protection	IP 55
Impact Protection	IK10
Cooling	Natural Convection
Charging Wire Length	5 Mtr
Dimension(WxDxH)	340 mm x 150 mm x 440 mm (Pole height - 1400 mm)
Weight	15 kg

Pole has to be ordered separately

AC EV Charger (44 kW) IEC 62196 Type-2



Applications :



HIGHWAY



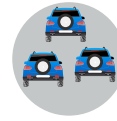
PARKING



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HOTEL

FEATURES :

- Unit type AC intelligent charger
- International Standard : AC Type-2 IEC 62196
- Compact and Modular design, Flexible configuration and easy maintenance.
- Built-in RFID and communications (GSM/LAN/WiFi)
- Upgrade the system software remotely and locally
- High degree of protection and wide voltage output
- Support Scan QR code to pay
- Power meter available
- Max, Output power : 44KW
- Output voltage range : 400V AC
- Network connectivity (OCPP 1.6J)
- Max. 99.9% power efficiency
- Power backup 15 min. (Optional)

Technical Specifications :

MODEL NO / INPUT	LEV44KA3 / 44kW
Input Voltage (AC)	3 Phase 400V (+/- 20%)
Efficiency	≥ 99.9%
Input Frequency	50 Hz
Wires	5 Wire L1, L2, L3, N, PE
OUTPUT	
Number Of Outputs	1 No
Output Connector	IEC 62196 Type 2
Output Current	Max. 62 A
Output Power Rating	44 kW
USER INTERFACE AND CONTROL	
Display	4.3" TFT Color Touch Screen
Buttons And Switch	Available
Push Button	YES
User Authentication	RFID Based
Visual Indication	Mains available, Charging status, System Error
ENVIRONMENT	
Ambient Temperature	-20°C to 50°C (Derating over 50° C)
Storage Temperature	-40°C to 70°C
Altitude	≤ 2000 Mtr
Humidity	<95%, Non-condensing
COMMUNICATION	
Charging Mode	IS 17017 / IEC 61851-1 (Mode-3)
Charger and Vehicle	PWM as per IEC 61851-1
Charger And CMS	Interface : Wifi / GSM / LAN
PROTECTION	
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Reverse Battery Connection
RCD Type	B
Charging Protocol	OCPP 1.6J
MECHANICAL	
Place of Installation	Indoor and Outdoor
Ingress Protection	IP 55
Enclosure Protection	Polycarbonate UV protected
Cooling	Natural Convection
Charging Wire Length	5 Mtr
Dimension(WxDxH)	340 mm x 150 mm x 440 mm (Pole height - 1400 mm)
Weight	20 kg

Pole has to be ordered separately

AC EV Charger (44 kW - 2 Gun) IEC 62196 Type-2



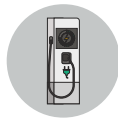
Applications :



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FEATURES :

- Unit type AC intelligent charger
- International Standard : AC Type-2 IEC 62196
- Compact and Modular design, Flexible configuration and easy maintenance.
- Built-in RFID and communications (GSM/LAN/WiFi)
- Upgrade the system software remotely and locally
- High degree of protection and wide voltage output
- Support Scan QR code to pay
- Power meter available
- Max, Output power : 22KW / Gun
- Output voltage range : 400V AC
- Network connectivity (OCPP 1.6J)
- Max. 99.9% power efficiency
- Power backup 15 min. (Optional)

Technical Specifications :

MODEL NO / INPUT	LEV44KA3-2 / 44kW
Input Voltage (AC)	3 Phase 400V (+/- 10%)
Efficiency	≥99.9%
Input Frequency	50 Hz
Wires	4 Wire L1,L2, N, PE
OUTPUT	
Number Of Outputs	2 No
Output Connector	IEC 62196 AC Type 2
Output Current	Max. 32 A / Gun
Output Power Rating	22 kW / Gun
USER INTERFACE AND CONTROL	
Display	4.3" TFT Color Touch Screen
Buttons And Switch	Available
Emergency Push Button	YES
User Authentication	RFID Based
Visual Indication	Mains available, Charging status, System Error
ENVIRONMENT	
Ambient Temperature	-20°C to 50°C (Derating over 50' C)
Storage Temperature	-40°C to 70°C
Altitude	≤ 2000 Mtr (Derating over 2000m)
Humidity	<95%, Non-condensing
COMMUNICATION	
Charging Mode	IS 17017 / IEC 61851-1 (Mode-3)
Charger and Vehicle	PWM as per IEC 61851-1
Charger And CMS	Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : Wifi / GSM / LAN
PROTECTION	
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Reverse Battery Connection
Charging Protocol	OCPP 1.6J
MECHANICAL	
Place of Installation	Indoor and Outdoor
Ingress Protection	IP 55
Impact Protection	IK10
Cooling	Natural Convection
Charging Wire Length	5 Mtr
Dimension(WxDxH)	340 mm x 150 mm x 440 mm (Pole height - 1400 mm)
Weight	14 kg

Pole has to be ordered separately



All pictures shown are for illustration purpose only. Actual product may vary due to product enhancement

LUBI EV SOLUTIONS

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Product Improvement is a continuous process at 'LUBI'. The data given in this publication is therefore subject to revision.