

AC Type-2
Home 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

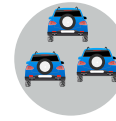
AC EV Charger (3.7 kW) IEC 62196 Type-2



Applications :



PARKING



FLEET



RESIDENTIAL



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 (Optional)
- High degree of protection and wide voltage output
- Max. Output power : 3.7KW
- Output voltage range : 230V AC
- Max. 99.9% power efficiency

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 AC Type 2
Output Current	Max. 16 A
Output Power Rating	3.7 kW
ENVIRONMENT	
Ambient Temperature	-20°C to 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
PROTECTION	
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Reverse Battery Connection
MECHANICAL	
Place of Installation	Indoor & Outdoor
Ingress Protection	IP 55
Impact Protection	IK 10
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

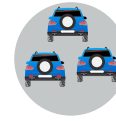
AC EV Charger (7.4 kW) IEC 62196 Type-2



Applications :



PARKING



FLEET



RESIDENTIAL



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 (Optional)
- High degree of protection and wide voltage output
- Max. Output power : 7.4KW
- Output voltage range : 230V AC
- Max. 99.9% power efficiency

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
ENVIRONMENT	
Ambient Temperature	-20°C to 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
PROTECTION	
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Reverse Battery Connection
MECHANICAL	
Place of Installation	Indoor & Outdoor
Ingress Protection	IP 55
Impact Protection	IK 10
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

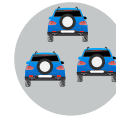
AC EV Charger (22 kW) IEC 62196 Type-2



Applications :



PARKING



FLEET



RESIDENTIAL



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 (Optional)
- High degree of protection and wide voltage output
- Max. Output power : 22KW
- Output voltage range : 400V AC
- Max. 99.9% power efficiency

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
ENVIRONMENT	
Ambient Temperature	-20°C to 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
PROTECTION	
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Reverse Battery Connection
MECHANICAL	
Place of Installation	Indoor & Outdoor
Ingress Protection	IP 55
Impact Protection	IK 10
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

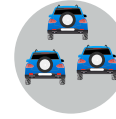
AC EV Charger (44 kW) IEC 62196 Type-2



Applications :



PARKING



FLEET



RESIDENTIAL



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 (Optional)
- High degree of protection and wide voltage output
- Max. Output power : 44KW
- Output voltage range : 400V AC
- Max. 99.9% power efficiency

Technical Specifications :

MODEL NO / INPUT	LEV44KA3 / 44kW
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. 63 A
Output Power Rating	44 kW
ENVIRONMENT	
Ambient Temperature	-20°C to 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
PROTECTION	
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Reverse Battery Connection
MECHANICAL	
Place of Installation	Indoor & Outdoor
Ingress Protection	IP 55
Impact Protection	IK 10
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



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.