



AC Type-2

EV CHARGERS



AC EV Charger (7kW - 22kW) IEC 62196 Type-2



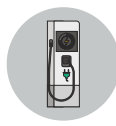
Applications :



HIGHWAY



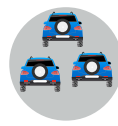
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FEATURES :

- IEC 62196 charging port
- Max, Output power : 22KW
- Output voltage range : 230V/400V AC
- Network connectivity (OCPP)
- Max. 99.9% power efficiency

Technical Specifications :

MODEL NO / INPUT	LEV7KA1 / 7 kw	LEV11KA3 / 11 kw	LEV22KA3 / 22 kw
Input Voltage (AC)	1 Phase 230V (+/- 10%)	3 Phase 400V (+/- 10%)	3 Phase 400V (+/- 10%)
Efficiency	≥99.9%	≥99.9%	≥99.9%
Input Frequency	50 Hz	50 Hz	50 Hz
Wires	3 Wire L, N, PE	5 Wire L1,L2,L3, N, PE	5 Wire L1,L2,L3, N, PE
OUTPUT			
Number Of Outputs	1 No	1 No	1 No
Output Connector	IEC 62196 AC Type 2	IEC 62196 AC Type 2	IEC 62196 AC Type 2
Output Current	Max. 32 A	Max. 16 A	Max. 32 A
Output Power Rating	7 kW	11 kW	22 kW
USER INTERFACE AND CONTROL			
Display	4.3" TFT Color Touch Screen	4.3" TFT Color Touch Screen	4.3" TFT Color Touch Screen
Buttons And Switch	English	English	English
Push Button	YES	YES	YES
User Authentication	RFID Based	RFID Based	RFID Based
Visual Indication	Touch LCD	Touch LCD	Touch LCD
ENVIRONMENT			
Ambient Temperature	-20°C to 50°C	-20°C to 50°C	-20°C to 50°C
Storage Temperature	-40°C to 70°C	-40°C to 70°C	-40°C to 70°C
Altitude	≤ 6000 Mtr (Derating over 3000m)		
Humidity	<95%, Non-condensing	<95%, Non-condensing	<95%, Non-condensing
COMMUNICATION			
Charging Mode	IEC 61851-1 (Mode-3)	IEC 61851-1 (Mode-3)	IEC 61851-1 (Mode-3)
Charger and Vehicle	-	-	-
Charger And CMS	Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : Wifi/ 3G/4G		
PROTECTION			
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Over Temperature, Reverse Battery Connection		
Charging Protocol	OCPP 1.6	OCPP 1.6	OCPP 1.6
MECHANICAL			
Place of Installation	Indoor and Outdoor	Indoor and Outdoor	Indoor and Outdoor
Ingress Protection	IP 54	IP 54	IP 54
Enclosure Protection	Hot dipped galvanized steel sheet		
Cooling	Natural Convection	Natural Convection	Natural Convection
Charging Wire Length	5 Mtr	5 Mtr	5 Mtr
Dimension(WxDxH)	280 mm x 120 mm x 400 mm	315 mm x 148.5 mm x 450 mm	315 mm x 148.5 mm x 450 mm
Weight	7.5 kg	11 kg	11 kg

AC EV Charger (3.7kW-7kW) IEC 62196 Type-2



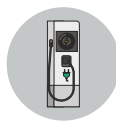
Applications :



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FEATURES :

- Unit type AC intelligent charger
- International Standard : AC Type-1/2
- Simultaneous charging of DC and AC
- Compact and Modular design, Flexible configuration and easy maintenance.
- Built-in RFID and communications (3G/LAN/Wifi)
- Upgrade the system software remotely and locally
- High degree of protection and wide voltage output
- Support Swiping card/Scan QR code to pay
- Power meter available (Optional)

Technical Specifications :

MODEL NO / INPUT	LEV3.7KA1-BS / 3.7kw	LEV7KA1-BS / 7.2kW
Input Voltage (AC)	1 Phase 230V (+/- 20%)	1 Phase 230V (+/- 20%)
Efficiency	≥ 99.9%	≥ 99.9%
Input Frequency	50 Hz/60 Hz	50 Hz/60 Hz
Wires	3 Wire L, N, PE	3 Wire L, N, PE
OUTPUT		
Number Of Outputs	1 No	1 No
Output Connector	IEC 62196 Type 2	IEC 62196 Type 2
Output Current	Max. 16 A	Max. 32 A
Output Power Rating	3.7 kW	7.2 kW
USER INTERFACE AND CONTROL		
Display	4.3" TFT Color Touch Screen	4.3" TFT Color Touch Screen
Buttons And Switch	English	English
Push Button	YES	YES
User Authentication	RFID Based	RFID Based
Visual Indication	Touch LCD	Touch LCD
ENVIRONMENT		
Ambient Temperature	-20°C to 50°C	-20°C to 50°C
Storage Temperature	-40°C to 70°C	-40°C to 70°C
Altitude	≤ 2000 Mtr	≤ 2000 Mtr
Humidity	<95%, Non-condensing	<95%, Non-condensing
COMMUNICATION		
Charging Mode	IEC 61851-1	IEC 61851-1
Charger and Vehicle	As per IEC 61851-1	As per IEC 61851-1
Charger And CMS	Interface : Ethernet	Interface : Ethernet
PROTECTION		
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Over Temperature, Reverse Battery Connection	
RCD Type	A	A
Charging Protocol	OCPP 1.6J	OCPP 1.6J
MECHANICAL		
Place of Installation	Indoor and Outdoor	Indoor and Outdoor
Ingress Protection	IP 54, IK 10	IP 54, IK 10
Enclosure Protection	Hot dipped galvanized steel sheet	Hot dipped galvanized steel sheet
Cooling	Natural Convection	Natural Convection
Charging Wire Length	5 Mtr	5 Mtr
Dimension(WxDxH)	300 mm x 400 mm x 1400 mm	300 mm x 400 mm x 1400 mm
Weight	35 kg	35 kg

AC EV Charger (11kW - 43 kw) IEC 62196 Type-2



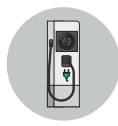
Applications :



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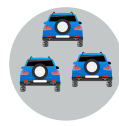
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FEATURES :

- Unit type AC intelligent charger
- International Standard : AC Type-1/2
- Simultaneous charging of DC and AC
- Compact and Modular design, Flexible configuration and easy maintenance.
- Built-in RFID and communications (3G/LAN/Wifi)
- Upgrade the system software remotely and locally
- High degree of protection and wide voltage output
- Support Swiping card/Scan QR code to pay
- Power meter available (Optional)

Technical Specifications :

MODEL NO / INPUT	LEV11KA3-BS / 11kW	LEV22KA3-BS / 22kW	LEV43KA3-BS / 43kW
Input Voltage (AC)	3 Phase 400V (+/- 20%)	3 Phase 400V (+/- 20%)	3 Phase 400V (+/- 20%)
Efficiency	≥ 99.9%	≥ 99.9%	≥ 99.9%
Input Frequency	50 Hz/60 Hz	50 Hz/60 Hz	50 Hz/60 Hz
Wires	5 Wire L1, L2, L3, N, PE	5 Wire L1, L2, L3, N, PE	5 Wire L1, L2, L3, N, PE
OUTPUT			
Number Of Outputs	1 No	1 No	1 No
Output Connector	IEC 62196 Type 2	IEC 62196 Type 2	IEC 62196 Type 2
Output Current	Max. 16 A	Max. 32 A	Max. 62 A
Output Power Rating	11 kW	22 kW	43 kW
USER INTERFACE AND CONTROL			
Display	4.3" TFT Color Touch Screen	4.3" TFT Color Touch Screen	4.3" TFT Color Touch Screen
Buttons And Switch	English	English	English
Push Button	YES	YES	YES
User Authentication	RFID Based	RFID Based	RFID Based
Visual Indication	Touch LCDd	Touch LCDd	Touch LCDd
ENVIRONMENT			
Ambient Temperature	-20°C to 50°C	-20°C to 50°C	-20°C to 50°C
Storage Temperature	-40°C to 70°C	-40°C to 70°C	-40°C to 70°C
Altitude	≤ 2000 Mtr	≤ 2000 Mtr	≤ 2000 Mtr
Humidity	<95%, Non-condensing	<95%, Non-condensing	<95%, Non-condensing
COMMUNICATION			
Charging Mode	IEC 61851-1	IEC 61851-1	IEC 61851-1
Charger and Vehicle	As per IEC 61851-1	As per IEC 61851-1	As per IEC 61851-1
Charger And CMS	Interface : Ethernet/3G,4G/Wifi	Interface : Ethernet/3G,4G/Wifi	Interface : Ethernet/3G,4G/Wifi
PROTECTION			
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Over Temperature, Reverse Battery Connection		
RCD Type	B	B	B
Charging Protocol	OCPP 1.6	OCPP 1.6	OCPP 1.6
MECHANICAL			
Place of Installation	Indoor and Outdoor	Indoor and Outdoor	Indoor and Outdoor
Ingress Protection	IP 54, IK 10	IP 54, IK 10	IP 54, IK 10
Enclosure Protection	Hot dipped galvanized steel sheet		
Cooling	Natural Convection	Natural Convection	Natural Convection
Charging Wire Length	5 Mtr	5 Mtr	5 Mtr
Dimension(WxDxH)	760 mm x 600 mm x 1620 mm	760 mm x 600 mm x 1620 mm	780 mm x 360 mm x 1620 mm
Weight	65 kg	65 kg	75 kg



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

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