



AC Type-2

EV CHARGERS



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



Applications :



HIGHWAY



PARKING



SERVICE
STATION



COMMERCIAL



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 and communications (GSM/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)
- Max, Output power : 43KW
- Output voltage range : 230V/400V AC
- Network connectivity (OCPP 1.6J)
- 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/60 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
Storage Temperature		-40°C to 70°C
Altitude		≤ 2000 Mtr
Humidity		<95%, Non-condensing
COMMUNICATION		
Charging Mode		IEC 61851-1 (Mode-3)
Charger and Vehicle		As per IEC 61851-1
Charger And CMS		Interface : Wifi / GSM
PROTECTION		
Protection		Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Over Temperature, Reverse Battery Connection, Humidity
RCD Type		A
Charging Protocol		OCPP 1.6J
MECHANICAL		
Place of Installation		Indoor and Outdoor
Ingress Protection		IP 54
Enclosure Protection		ABS UV protected
Cooling		Natural Convection
Charging Wire Length		5 Mtr
Dimension(WxDxH)		340 mm x 440 mm x 1400 mm
Weight		9 kg

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



Applications :



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Technical Specifications :

MODEL NO / INPUT	LEV7KA1 / 7.4 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	Available	Available	Available
Emergency Push Button	YES	YES	YES
User Authentication	RFID Based	RFID Based	RFID Based
Visual Indication	Mains available, Charging status, System Error		
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 (Derating over 2000m)		
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	-	As per IEC 61851-1	-
Charger And CMS	Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : Wifi / GSM		
PROTECTION			
Protection	Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Over Temperature, Reverse Battery Connection, Humidity		
Charging Protocol	OCPP 1.6J	OCPP 1.6J	OCPP 1.6J
MECHANICAL			
Place of Installation	Indoor and Outdoor	Indoor and Outdoor	Indoor and Outdoor
Ingress Protection	IP 54	IP 54	IP 54
Enclosure Protection	ABS UV protected		
Cooling	Natural Convection	Natural Convection	Natural Convection
Charging Wire Length	5 Mtr	5 Mtr	5 Mtr
Dimension(WxDxH)	340 mm x 440 mm x 150 mm	340 mm x 440 mm x 150 mm	340 mm x 440 mm x 150 mm
Weight	9 kg	12 kg	12 kg

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



Applications :



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Technical Specifications :

MODEL NO / INPUT		LEV43KA3 / 43kW
Input Voltage (AC)		3 Phase 400V (+/- 20%)
Efficiency		≥ 99.9%
Input Frequency		50 Hz/60 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		43 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		
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		IEC 61851-1 (Mode-3)
Charger and Vehicle		As per IEC 61851-1
Charger And CMS		Interface : Wifi / GSM
PROTECTION		
Protection		Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Over Temperature, Reverse Battery Connection, Humidity
RCD Type		B
Charging Protocol		OCPP 1.6J
MECHANICAL		
Place of Installation		Indoor and Outdoor
Ingress Protection		IP 54
Enclosure Protection		Polycarbonate UV protected
Cooling		Natural Convection
Charging Wire Length		5 Mtr
Dimension(WxDxH)		780 mm x 360 mm x 1620 mm
Weight		20 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.