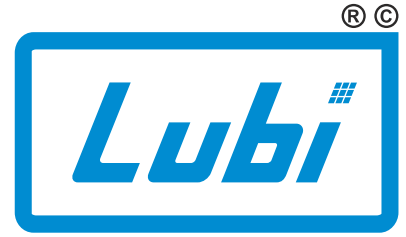




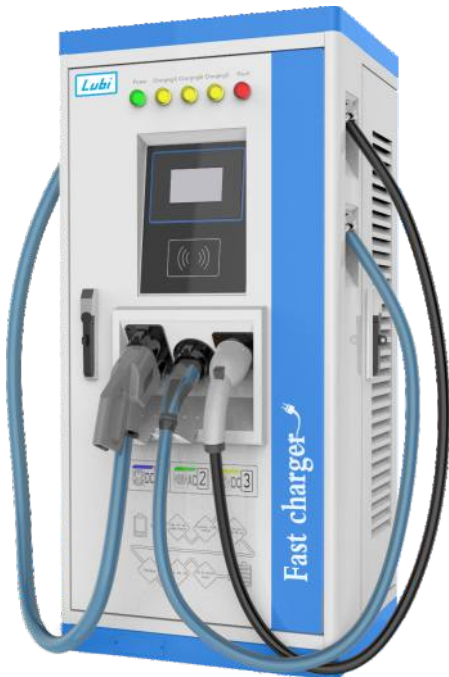
CCS-2, CHAdeMO, AC TYPE-2  
60-120 KW



# EV CHARGERS



# DC Fast EV Charger (60kw) CHAdeMO, CCS-2, AC TYPE-2



## FEATURES :

- Unit type AC/DC intelligent charger
- International Multi Standard : ChadeMO, CCS Combo-1/2, AC Type-1/2
- Simultaneous charging of DC and AC
- 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

## Technical Specifications :

MODEL NO / INPUT	LEV60K500-EUJCabc / 60kw	LEV60K750-EUJCabc / 60kw
Input Voltage (AC)	3 Phase 400V (+/- 10%)	3 Phase 400V (+/- 10%)
Power Factor	≥ 0.99%	≥ 0.99%
Efficiency	≥ 94%	≥ 94%
Input Frequency	45-65 Hz	45-65 Hz
Wires	5 Wire L1,L2,L3, N, PE	5 Wire L1,L2,L3, N, PE
<b>OUTPUT</b>		
Number Of Outputs	3 No	3 No
Simultaneous Operation	YES, (each gun could be 60 kW if only using one gun); AC 43 kW Max	
<b>DC Output (Gun-1 &amp; Gun-2)</b>		
DC Output Connector	JEVS G104 (ChadeMO)/ IEC 62196-3 (CCS- 1/2)	JEVS G104 (ChadeMO)/ IEC 62196-3 (CCS- 1/2)
DC Output Voltage	100-500 V	200-750 V (up to 500 V for ChadeMO)
DC Output Current	160 A	150 A
DC Output Power Rating	60 kW	60 kW
<b>AC Output (Gun-3)</b>		
AC Output Connector	IEC 62196-2 AC Type-2	IEC 62196-2 AC Type-2
AC Output Voltage	230V /400 V	230V /400 V
AC Output Current	From 16 A to 63 A	From 16 A to 63 A
AC Output Power Rating	from 3.7 kW to 43 kW	from 3.7 kW to 43 kW
<b>USER INTERFACE AND CONTROL</b>		
Display	7" TFT Color touch screen	7" TFT Color touch screen
RFID	Available	Available
<b>ENVIRONMENT</b>		
Ambient Temperature	-20°C to 60°C (Derating over 50°C)	-20°C to 60°C (Derating over 50°C)
Storage Temperature	-40°C to 70°C	-40°C to 70°C
Altitude	≤ 6000 m (Derating over 3000 m)	≤ 6000 m (Derating over 3000 m)
Humidity	<95%, Non-condensing	<95%, Non-condensing
Sound noise	< 55 dB in all directions	< 55 dB in all directions
<b>COMMUNICATION</b>		
Charging Mode	Multi standard DC output (Mode-4), AC (Mode-3)	
Charger and Vehicle	CAN for ChadeMO, PLC for CCS	CAN for ChadeMO, PLC for CCS
Charger And CMS	Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : Wifi/LAN/ 3G/4G	
<b>PROTECTION</b>		
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 1.6J	OCPP 1.6J
<b>MECHANICAL</b>		
Place of Installation	Indoor/Outdoor	Indoor/Outdoor
Ingress Protection	IP 54	IP 54
Enclosure Protection	Hot dipped galvanized steel sheet	Hot dipped galvanized steel sheet
Cooling	Natural Convection	Natural Convection
Charging Wire Length	5m	5m
Dimension (WxDxH)	650 mm x 500 mm x 1370 mm	650 mm x 500 mm x 1370 mm
Weight	230 kg	230 kg

# DC Fast EV Charger (120 kW) CHAdeMO, CCS-2, AC TYPE-2



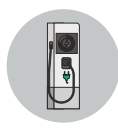
## Applications :



HIGHWAY



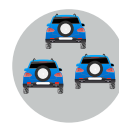
PARKING



SERVICE  
STATION



COMMERCIAL



FLEET



RESIDENTIAL



HOTEL

## Technical Specifications :

MODEL NO / INPUT	LEV120K500-EUJCabc / 120kW	LEV120K750-EUJCabc / 120kW
Input Voltage (AC)	3 Phase 400V (+/- 10%)	3 Phase 400V (+/- 10%)
Power Factor	≥ 0.99%	≥ 0.99%
Efficiency	≥ 94%	≥ 94%
Input Frequency	45-65 Hz	45-65 Hz
Wires	5 Wire L1,L2,L3, N, PE	5 Wire L1,L2,L3, N, PE
<b>OUTPUT</b>		
Number Of Outputs	3 No	3 No
Simultaneous Operation	YES, (each gun could be 60 kW if only using one gun); AC 43 kW Max	
<b>DC Output (Gun-1 &amp; Gun-2)</b>		
DC Output Connector	JEVS G104 (ChadeMO)/ IEC 62196-3 (CCS- 1/2)	JEVS G104 (ChadeMO)/ IEC 62196-3 (CCS- 1/2)
DC Output Voltage	100-500 V	200-750 V (up to 500 V for ChadeMO)
DC Output Current	160 A	150 A
DC Output Power Rating	2 X 60 kW	2 X 60 kW
<b>AC Output (Gun-3)</b>		
AC Output Connector	IEC 62196-2 AC Type-2	IEC 62196-2 AC Type-2
AC Output Voltage	230V /400 V	230V /400 V
AC Output Current	From 16 A to 63 A	From 16 A to 63 A
AC Output Power Rating	from 3.7 kW to 43 kW	from 3.7 kW to 43 kW
<b>USER INTERFACE AND CONTROL</b>		
Display	7" TFT Color touch screen	7" TFT Color touch screen
RFID	Available	Available
<b>ENVIRONMENT</b>		
Ambient Temperature	-20°C to 60°C (Derating over 50°C)	-20°C to 60°C (Derating over 50°C)
Storage Temperature	-40°C to 70°C	-40°C to 70°C
Altitude	≤ 6000 m (Derating over 3000 m)	≤ 6000 m (Derating over 3000 m)
Humidity	<95%, Non-condensing	<95%, Non-condensing
Sound noise	< 55 dB in all directions	< 55 dB in all directions
<b>COMMUNICATION</b>		
Charging Mode	Multi standard DC output (Mode-4), AC (Mode-3)	
Charger and Vehicle	CAN for ChadeMO, PLC for CCS	CAN for ChadeMO, PLC for CCS
Charger And CMS	Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : Wifi/LAN/ 3G/4G	
<b>PROTECTION</b>		
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 1.6J	OCPP 1.6J
<b>MECHANICAL</b>		
Place of Installation	Indoor/Outdoor	Indoor/Outdoor
Ingress Protection	IP 54	IP 54
Enclosure Protection	Hot dipped galvanized steel sheet	Hot dipped galvanized steel sheet
Cooling	Natural Convection	Natural Convection
Charging Wire Length	5m	5m
Dimension (WxDxH)	700 mm x 570 mm x 1700 mm	700 mm x 570 mm x 1700 mm
Weight	280 kg	280 kg

# DC Fast EV Charger (60 kw - 120 kw) CCS-2



## FEATURES :

- Unit type AC/DC intelligent charger
- International Multi Standard : ChadeMO, CCS Combo-1/2, AC Type-1/2
- Simultaneous charging of DC and AC
- Modular design, Robust 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
- Day light readable touch screen

## Technical Specifications :

MODEL NO / INPUT	LEV60KBS-CCS+JEVSG104 / 60kW	LEV120KBS-CCS / 120kW
Input Voltage (AC)	3 Phase 400V (+/- 10%)	3 Phase 400V (+/- 10%)
Nominal Input Current (AC)	87 A	174 A
Power Factor	≥ 0.99	≥ 0.99
Efficiency	≥ 95%	≥ 95%
Input Frequency	50/60 Hz	50/60 Hz
Wires	5 Wire L1,L2,L3, N, PE	5 Wire L1,L2,L3, N, PE
<b>OUTPUT</b>		
Number Of Outputs	3 No	1 No
<b>DC Output (Gun-1 &amp; Gun-2)</b>		
DC Output Connector	JEVS G104 (ChadeMO)/ IEC 62196-3 (CCS- 2)	IEC 62196-3 (CCS- 2)
DC Output Voltage	200-500 V	200-750 V
DC Output Current	120 A	200 A
DC Output Power Rating	0-60 kW	60-120 kW
Output Mode	Mode-4	Mode-4
<b>AC Output (Gun-3)</b>		
AC Output Connector	IEC 62196-2 Type-2	
AC Output Voltage	400 V	
AC Output Current	32A/63 A	
AC Output Power Rating	22kW/ 43 kW	
Output Mode	Mode-3	
<b>USER INTERFACE AND CONTROL</b>		
Display	7" TFT Color touch screen	7" TFT Color touch screen
RFID	Available	Available
<b>ENVIRONMENT</b>		
Ambient Temperature	-20°C to 60°C (Derating over 50°C)	-20°C to 60°C (Derating over 50°C)
Storage Temperature	-40°C to 70°C	-40°C to 70°C
Altitude	≤ 2000 m (Derating over 1000 m)	≤ 1000 m (Derating over 1000 m)
Humidity	<95%, Non-condensing	<95%, Non-condensing
Sound noise	< 55 dB in all directions	< 55 dB in all directions
<b>COMMUNICATION</b>		
Charging Mode	Multi standard DC output (Mode-4), AC (Mode-3)	
Charger and Vehicle	CAN for ChadeMO & PLC for CCS	PLC for CCS
Charger And CMS	Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : Wifi/LAN/ 3G/4G	
<b>PROTECTION</b>		
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 1.6J	OCPP 1.6J
<b>MECHANICAL</b>		
Place of Installation	Indoor/Outdoor	Indoor/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	5m	5m
Dimension (WxDxH)	800 mm x 1050 mm x 1750 mm	900 mm x 1010 mm x 1970 mm
Weight	230 kg	260 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.*