

ALOHA LANDER DC 60 kW



VEGA Chargers

VEGA Chargers is a company specialized in the design of DC fast electric vehicle charging stations.

At VEGA Chargers we work every day to make possible a more sustainable present and future in terms of emobility, for this we analyze the needs of our customers and provide flexible and scalable charging solutions for electric vehicles, starting with the conception and design, and then passing through manufacturing and distribution.

Less charging time for your electric vehicle

Our ALOHA Lander fast charging station has been designed for users who need to charge their vehicle in a relatively short period of time, ranging between 15 and 60 minutes. Thanks to its continuous output power, it can offer a range of 400 km for each hour of connection.

We offer

Experience and knowledge · Commercial network · Technical support · Technical training · Consultancy for emobility

Applications



Service stations



Electric mobility hub



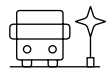
Malls and supermarkets



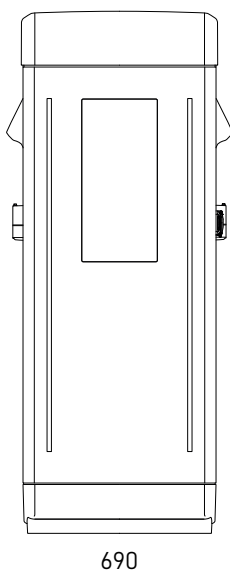
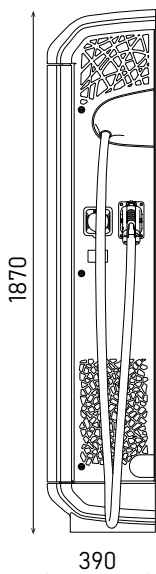
Car park for public or private use



Corporate fleets and carsharing











Service vehicles and public transport



Characteristics

- Simultaneous AC and DC charging.
- Dynamic power balancing.
- RGB LEDs of charging status on front door.
- Super silent system.
- Autocharge.
- 10,1" TFT colour touch screen.
- Cashless payment terminal.
- Built-in electrical protections for each connector.
- Metallic body. High resistance stainless steel.
- Installable against wall, two equipments back to back and in parallel.
- Lateral ventilation.



	ALOHA LANDER (S)	ALOHA LANDER (S) + AC	ALOHA LANDER (D)	ALOHA LANDER (D) + AC	
ELECTRICAL DATA	AC INPUT				
	Supply voltage	400 Vac ± 10% (3P+N+PE)			
	Frequency	50/60 Hz			
	Nominal input current	96 A	128 A	96 A	128 A
	Apparent power	67 kVA	87 kVA	67 kVA	87 kVA
	Power factor	>0,99			
	Efficiency	>95% (at nominal power)			
	THDi	<5%			
	Standby consumption	<50 W			
	Earthing system	TT / TN-S			
	DC OUTPUT				
	Max. Output power	60 kW (@ V ≥ 400 Vdc)			
	Output voltage range	150- 1000 Vdc			
	Max. Output current	150 A			
	Output connector	CCS2	CCS2	CCS2 + CHAdeMO *	CCS2 + CHAdeMO *
				 	 
Cable length	4 m	4 m	4 m + 4 m	4 m + 4 m	
AC OUTPUT					
Max. Output power	N/A	22 kW	N/A	22 kW	
Output voltage		400/230 Vac ± 10%		400/230 Vac ± 10%	
Phase connection		(3P+N+PE)		(3P+N+PE)	
Max. Output current		32 A		32 A	
Output connector		Type 2 (Socket)		Type 2 (Socket)	
					
Electrical protections					
General input	3-pole+N, front operated, switch-disconnect (non-fusible disconnect)				
Overvoltage	Dehn 20kA 4-pole, for three-phase TT/TNS networks, Class II (IEC 61643-11)				
Overcurrent and shortcircuit	MCB curve 'C' for individual DC outputs and AC output				
Residual current	RCD 30 mA; Type A for individual DC outputs RCD 30 mA; Type A + 6mA DC for individual AC output				
MECHANICAL DATA	Dimensions (H x W x D)	1870mm x 690 mm x 390 mm			
	Weight	234 kg	238 kg	248 kg	252 kg
	Mechanical impact protection	IK 10			
	Housing material / colour	Stainless steel and PUR (V0) / Customizable			
	Installation method	On the ground (Anchor bolt or structural foundation) Unloading and installation by forklift or upper eyebolts			
ENVIRONMENT	Ingression protection	IP55			
	Temperature range operation	-10°C to +55°C (-30°C TO 55°C with optional heater)			
	Temperature range storage	-35°C to +70°C			
	Humidity	5% to 95% RH non condensing			
	Cooling system	Exhaust fan			
	Operational noise level	≤ 55 dBA (1 m away in all directions)			
	Altitude (max.)	2000 m			
GENERAL	User interaction	10,1" TFT colour touch screen			
	Communication protocol	OCPP 1.6J; Modbus TCP; Modbus RTU			
	Communication interface	4G (optional); WiFi (optional); RS485; Ethernet			
	Access and identification	RFID reader (MIFARE Classic; MIFARE DESfire EV1, EV2; NFC Forum Type 4); Internal white list; Activation pin code; Autocharge; QR code; APP			
	Payment terminal	Cashless payment terminal (optional)			
	Status charging lights	RGB LED dedicated for charging connector			
	Metering	DC MID and AC MID meter (optional)			
STANDARDS CERTIFICATIONS	IEC/DIN/ISO	IEC 61851-1 ed 3; IEC 61851-21-2 ed 1; IEC 61851-23 ed 1; IEC 61851-24 ed 1; IEC 62196-1; IEC 62196-2; IEC 62196-3; IEC 61000; DIN70121; ISO 15118-2:2014 ed.1; ISO 15118-3:2015 ed.1			
	EU Directives	LVD 2014/35/EU; EMC 2014/30/EU; RED 2014/53/UE			
	Mark certification	CE			

* Max. Output current for CHAdeMO 125 A / Max. Output voltage for CHAdeMO 500 V (S); single DC output (D); double DC output (S); Not simultaneous charging