



# Heliox 60 kW

Smart. Efficient. Reliable.



## Convenient charging; anytime and anywhere

Heliox's most adaptative and compact solution. The Heliox 60 kW charger is a versatile, user-friendly solution suitable for a wide range of vehicles, including cars, buses, and trucks. It offers seamless plug-and-play functionality, making it an ideal choice for various charging needs, regardless of location or time.

- ✓ **Adaptive design:** It can adapt and expand as needed, offering options for hardwired or portable setups, networked or standalone operation, and the ability to deploy a single charger or multiple units, providing you with full control over your charging solution.
- ✓ **Dynamic Power:** Dual-connector variants dynamically share power so that either dispenser can get full power, or both dispensers can share power simultaneously. Additionally, a manual selector switch for the single dispenser version, allows input current control; 30A (25kW), 60A (50kW), and maximum.
- ✓ **Reliable by design:** The H60 family is US-designed and manufactured for reliability. A next-gen low-power charger, it features system-wide upgrades for higher durability, lower maintenance, and improved thermal performance.

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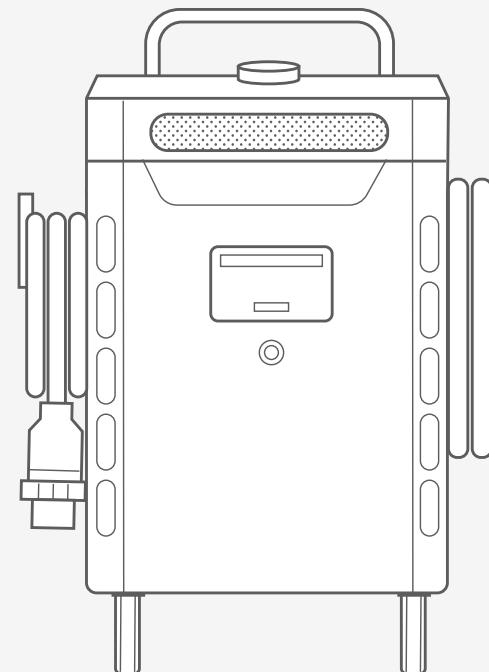
⚡ **Power Options**  
30 kW or 60 kW

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⚡ **Number of dispensers in the system**  
1 or 2

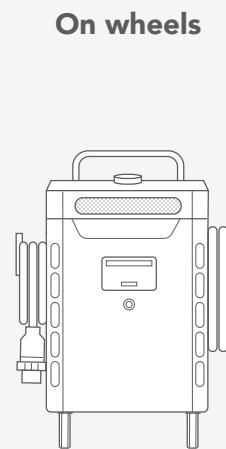
## Versatile in charging power options

- ✓ The Heliox 60 kW stands up to daily wear and tear in ways other portable chargers simply cannot.
- ✓ With a NEMA 3R-rated enclosure, the charger can be safely operated indoors and outdoors.
- ✓ Adjust your charger AC input situations on single dispenser version, where power supply may be limited.
- ✓ The Heliox 60 kW is the perfect EV charging companion, now and in the future.
- ✓ Options for hardwired or portable setups, networked or standalone operation.
- ✓ Dynamic dual 2x30 variant offers greater flexibility value per charger.

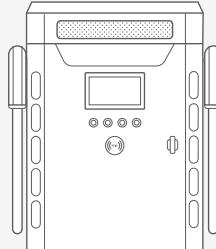


## Versatile in mounting

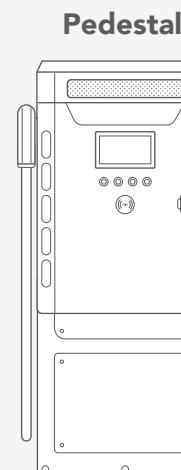
Designed with scalability and convenience in mind, the Heliox 60's form factor allows for low-profile installations, complemented by a range of accessories including both wall-mount and floor-mounted pedestal options, or a mobile cart configuration.



On wheels



Wall mounted



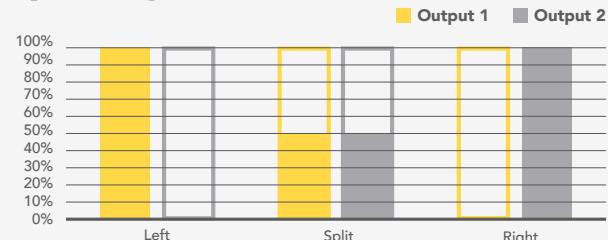
Pedestal

## Versatile in charging settings

Adjust your charger AC input on single dispenser version with the turn of a dial, enabling you to activate sessions in situations where your power supply may be limited.

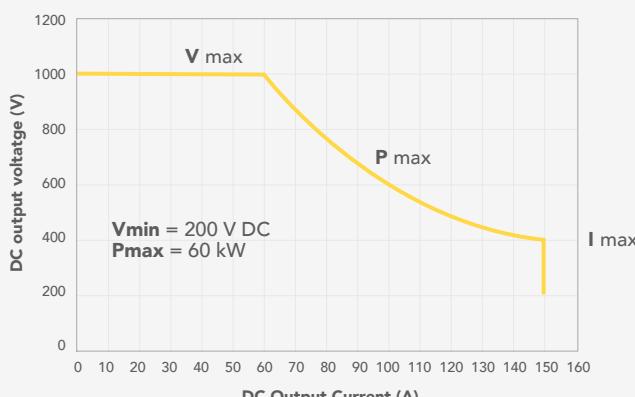


## Output splitting



General		Heliox 60 kW
<b>Charging standard</b>	SAE J1772 (CCS type-1)	
<b>Communication standard</b>	DIN 70121 ISO15118/2/20 ed1 (Unidirectional charging)	
<b>Compliance and safety</b>	UL2202, UL2231, CSA C22.2 No. 346, Energy Star	
<b>EMC</b>	FCC 15 Class A	
<b>Power factor above 50% rated</b>	> 0.98	
<b>Peak efficiency</b>	>96%	
<b>THDi</b>	$\leq 5\%$	
<b>Dielectric withstand</b>	3,000 V	
<b>Network cellular</b>	4G modem or Ethernet	
<b>Back office</b>	OCCP 1.6J / OCPP 2.0 ready	
<b>RFID tags supported<sup>3</sup></b>	MIFARE Ultralight®, NTAG203, MIFARE Mini, MIFARE Classic® 1K, MIFARE Classic® 4K, FM11RF08	
<b>Temperature range</b>	-22 °F to +113 °F, +122 °F with derating	
<b>Operating altitude</b>	2000 m	
<b>Operational noise level (at 77F)</b>	< 60 dB(A) @ 45"	
<b>System weight</b>	223 - 261 lbs <sup>2</sup>	
<b>Protection rating</b>	NEMA 3R	
<b>Display</b>	7" LCD	
<b>Charging status indicator</b>	LED light stack, LCD display	
<b>Cable length</b>	5 m and 7 m <sup>1</sup>	
<b>Warranty</b>	24 months	

## Power curves



## Input

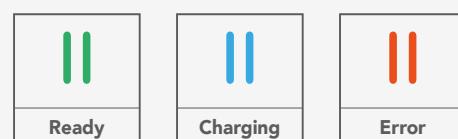
<b>Connections, frequency</b>	3P + G 480 VAC, 47 - 63 Hz
<b>User-selected limits (single port only)</b>	30A input ~ 25 kW output 60A input ~ 50 kW output Max (78A input ~ 60 kW output)
<b>Full load / idle power</b>	63.2 kVA
<b>Line-line voltage range</b>	480 VAC +6/-13%, 60 Hz
<b>Max. AC phase current</b>	90A, inrush current limited

## Output

<b>DC voltage range</b>	200 - 1,000 V
<b>Rated DC power</b>	60 kW
<b>Max. DC current</b>	150A

## Status indicators

Provides real-time information about the state of charge. Blue charging lights display approximate SOC.



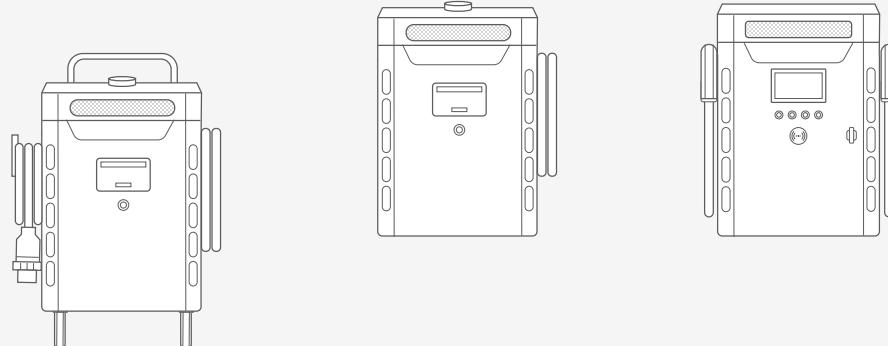
## Dimensions

	Wall Mounted	Compact Pedestal	Mobile
<b>Single 60 kW (H x W x D)</b>	35" x 26" x 17"	54" x 26" x 14"	41" x 30" x 19"
<b>Dynamic Dual (H x W x D)</b>	35" x 28" x 17"	54" x 28" x 14"	N/A



# Heliox 60 kW

## Ordering Guide



	<b>Heliox 60 kW Single Port Mobile</b>	<b>Heliox 60 kW Single Port Wall Mounted</b>	<b>Heliox 60 kW Dynamic Dual Port Wall Mounted</b>
<b>UL Buy America-Compliant 5 m</b>	HE9823005-01-BMA	HE9823005-01-BAA	HE9825001-01-BAB
<b>UL Buy America-Compliant 7 m</b>	HE9823005-01-BAC	HE9823005-01-BDA	HE9825001-01-BDB
<b>Accessory Pedestal Mount</b>	N/A	HN810241	HN810241

**Preventative maintenance is available. For details, please contact your local Siemens or Heliox Business Development Manager/Distributor.**