

Heliox 60 kW

Smart. Efficient. Reliable.



Convenient charging; anytime and anywhere

Heliox's most adaptable 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.

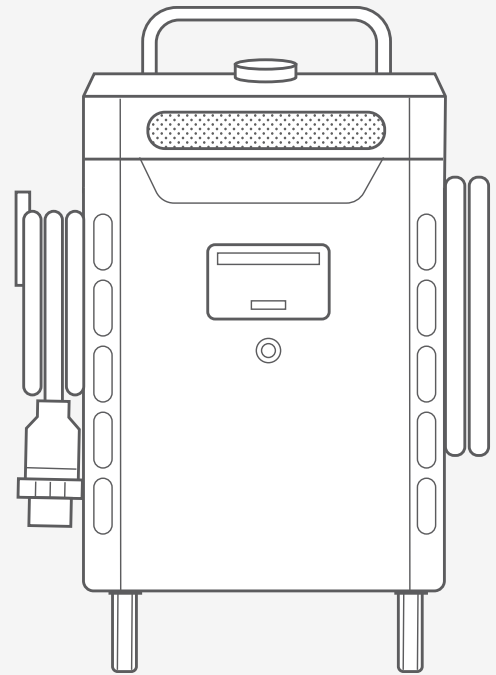
- ✓ **Adaptive design:** It can adapt and expand as needed, offering options for hardwired or portable setups, networked or standalone operation, and the ability to deploy a single charger or multiple units, providing you with full control over your charging solution.
- ✓ **Dynamic Power:** Dual-connector 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.

⚡ **Power Options**
30 kW or 60 kW

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

Versatile in charging power options

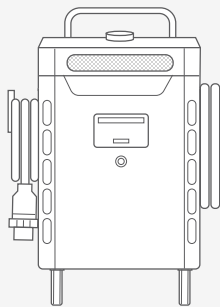
- ✓ The Heliox 60 kW stands up to daily wear and tear in ways other portable chargers simply cannot.
- ✓ With a NEMA 3R-rated enclosure, the charger can be safely operated indoors and outdoors.
- ✓ Adjust your charger AC input situations on single dispenser version, where power supply may be limited.
- ✓ 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.



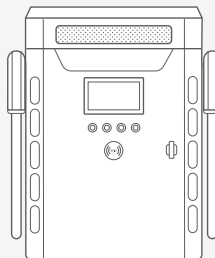
Versatile in mounting

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.

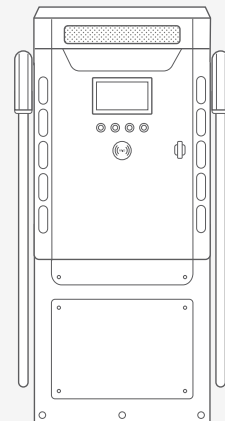
On wheels



Wall mounted



Pedestal

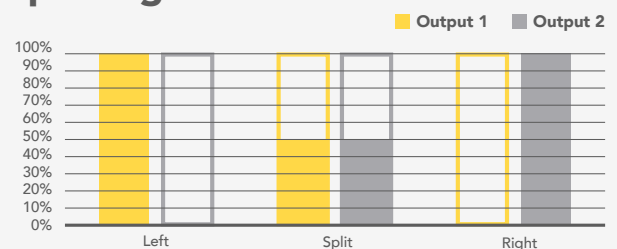


Versatile in charging settings

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.

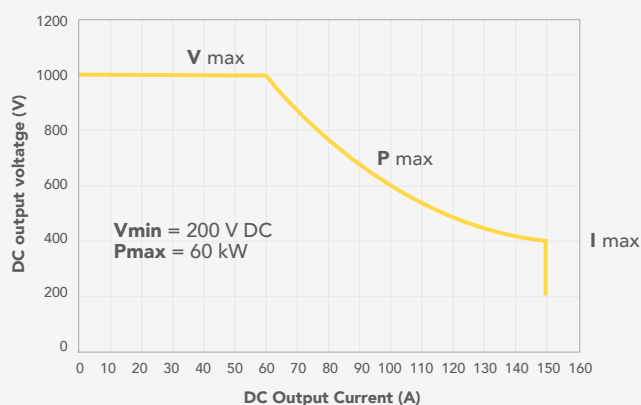


Output splitting



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

Power curves



Input

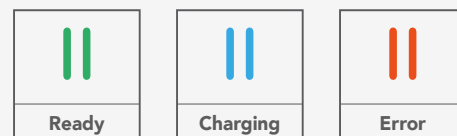
Connections, frequency	3P + G 480 VAC, 47 - 63 Hz
User-selected limits (single port only)	30A input ~ 25 kW output 60A input ~ 50 kW output Max (78A input ~ 60 kW output)
Full load / idle power	63.2 kVA
Line-line voltage range	480 VAC +6/-13%, 60 Hz
Max. AC phase current	90A, inrush current limited

Output

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

Status indicators

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

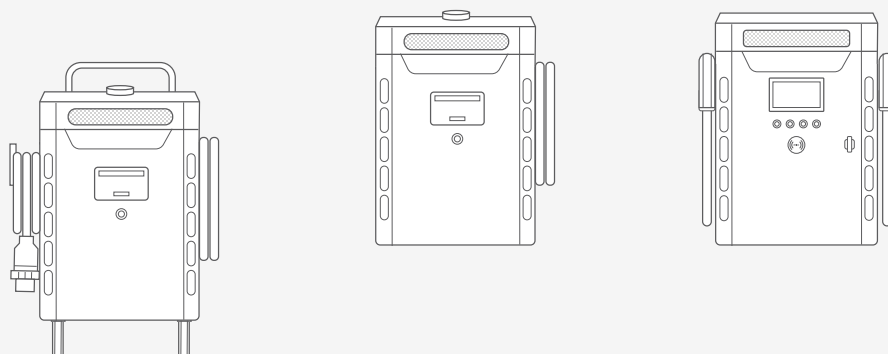


Dimensions

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

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Ordering Guide



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

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